U2 Small Nuclear Ribonucleoprotein Auxiliary Factor 35 Kda Subunit-Related Protein 2 (ZRSR2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2 (Zrsr2), Recombinant Protein
Full Product Name	Recombinant Mouse U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2 (Zrsr2)
Product Gene Name	Zrsr2 recombinant protein
Product Synonym Gene Name	Zrsr2
Sequence	METAGATADA TAGPQKLSRK KYLALRKKER RKRRRQALAR LREAELAQKE EEEDPLAEEK RLEEERLLEE ERQRLHEEWL LREEKAQEEF RAKKKKEEEA RKRKEELERK LKAEWEEQQR KEREEEEQKR QEKREREEAV QKMLDQAENE LENGGTWQNP EPPMDIRVLE KDRANCPFYS KTGACRFGDR CSRKHNFPTS SPTLLIKGMF TTFGMEQCRR DDYDPDSSLE FSEEEIYQQF LDFYYDVLPE FKSVGKVIQF KVSCNLEPHL RGNVYVQYQS EEDCQAAFSV FNGRWYAGRQ LQCEFCPVTR WKMAICGLFE VQQCPRGKHC NFLHVFRNPN NEYRDANRDL YPSPDWTSSS FGKNSERRER ASHYDEYYGR SRRRRRSPSP DFYKRNGESD RKSSSRHRVK KSHRYGMKSR ERRSSPSRRR KDHSPGPWEP EQEEPPQQES QSQPQPQPQS DP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	55,358 Da
Sequence Positions	1-462, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q62377
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Zrsr2 recombinant protein	This gene encodes an essential splicing factor. The encoded protein associates with the U2 auxiliary factor heterodimer, which is required for the recognition of a functional 3 splice site in pre-mRNA splicing, and may play a role in network interactions during spliceosome assembly.
Other Notes	Small volumes of Zrsr2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Zrsr2 purchase	MBS1355108 is a recombinant protein targeting Zrsr2. Also known as Recombinant Mouse U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2 (Zrsr2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Zrsr2. It may not necessarily be applicable to this product.

NCBI GI #	2842648
NCBI GeneID	22184
NCBI Accession #	Q62377.1
UniProt Primary Accession #	Q62377
UniProt Related Accession #	Q62377
NCBI Official Full Name	U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2
NCBI Official Synonym Full Names	zinc finger (CCCH type), RNA binding motif and serine/arginine rich 2
NCBI Official Symbol	Zrsr2
NCBI Official Synonym Symbols	URP; 35kDa; C77286; U2af1-rs2; 5031411E02Rik; A230052C13Rik
UniProt Protein Name	U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2
UniProt Synonym Protein Names	CCCH type zinc finger, RNA-binding motif and serine/arginine rich protein 2; U2(RNU2) small nuclear RNA auxiliary factor 1-like 2; U2AF35-related protein; URP
Protein Family	U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein
UniProt Gene Name	Zrsr2
UniProt Synonym Gene Names	U2af1-rs2; U2af1l2; U2af1rs2; URP
NCBI Protein Information	U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2
UniProt Comments for Zrsr2	Pre-mRNA-binding protein required for splicing of both U2- and U12-type introns. Selectively interacts with the 3'-splice site of U2- and U12-type pre-mRNAs and promotes different steps in U2 and U12 intron splicing. Recruited to U12 pre-mRNAs in an ATP-dependent manner and is required for assembly of the prespliceosome, a precursor to other spliceosomal complexes. For U2-type introns, it is selectively and specifically required for the second step of splicing ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/u2-small-nuclear-ribonucleoprotein-auxiliary-factor-35-kda-subunit-related-protein-2-zrsr2/1355108