Serine/Arginine-Related Protein 53 (RSRC1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine/Arginine-related protein 53 (RSRC1), Recombinant Protein
Full Product Name	Recombinant Human Serine/Arginine-related protein 53 (RSRC1)
Product Gene Name	RSRC1 recombinant protein
Product Synonym Gene Name	RSRC1
Sequence	MGRRSSDTEE ESRSKRKKKH RRRSSSSSSS DSRTYSRKKG GRKSRSKSRS WSRDLQPRSH SYDRRRRHRS SSSSSYGSRR KRSRSRSRGR GKSYRVQRSR SKSRTRRSRS RPRLRSHSRS SERSSHRRTR SRSRDRERRK GRDKEKREKE KDKGKDKELH NIKRGESGNI KAGLEHLPPA EQAKARLQLV LEAAAKADEA LKAKERNEEE AKRRKEEDQA TLVEQVKRVK EIEAIESDSF VQQTFRSSKE VKKSVEPSEV KQATSTSGPA SAVADPPSTE KEIDPTSIPT AIKYQDDNSL AHPNLFIEKA DAEEKWFKRL IALRQERLMG SPVA
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	31,528 Da
Sequence Positions	1-334, 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.
OMIM	613352
3D Structure	ModBase 3D Structure for Q96IZ7
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RSRC1 recombinant protein	MBS1385870 is a recombinant protein targeting RSRC1. Also known as Recombinant Human Serine/Arginine-related protein 53 (RSRC1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RSRC1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RSRC1. It may not necessarily be applicable to this product.

NCBI GI #	427197591
NCBI GeneID	51319
NCBI Accession #	NP_001258763.1
UniProt Primary Accession #	Q96IZ7

UniProt Secondary Accession #	Q96QK2; Q9NZE5; A8K2R9
UniProt Related Accession #	Q96IZ7
GenBank Nucleotide #	NM_001271834.1
NCBI Official Full Name	serine/Arginine-related protein 53 isoform 2
NCBI Official Synonym Full Names	arginine and serine rich coiled-coil 1
NCBI Official Symbol	RSRC1
NCBI Official Synonym Symbols	BM-011; SFRS21; SRrp53
UniProt Protein Name	Serine/Arginine-related protein 53
UniProt Synonym Protein Names	Arginine/serine-rich coiled-coil protein 1
Protein Family	Serine/Arginine-related protein
UniProt Gene Name	RSRC1
UniProt Synonym Gene Names	SRRP53; SRrp53
NCBI Protein Information	serine/Arginine-related protein 53
NCBI Summary for RSRC1	This gene encodes a member of the serine and arginine rich-related protein family. The encoded protein is involved in both constitutive and alternative mRNA splicing. This gene may be associated with schizophrenia. A pseudogene of this gene is located on chromosome 9. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2012]
UniProt Comments for RSRC1	Plays a role in pre-mRNA splicing. Involved in both constitutive and alternative pre-mRNA splicing. May have a role in the recognition of the 3' splice site during the second step of splicing.
Research Articles on RSRC1	**1.** Data indicate that arginine/serine-rich coiled-coil 1 (RSRC1) represses estrogen receptor beta (ERbeta) transcriptional activity via ERbeta SUMOylation.
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