U11/U12 Small Nuclear Ribonucleoprotein 48 Kda Protein (SNRNP48) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	U11/U12 small nuclear ribonucleoprotein 48 kDa protein (SNRNP48), Recombinant Protein
Full Product Name	Recombinant Human U11/U12 small nuclear ribonucleoprotein 48 kDa protein (SNRNP48)
Product Gene Name	SNRNP48 recombinant protein
Product Synonym Gene Name	SNRNP48
Sequence	MEGEPPPVEE RRRLQEELNE FVESGCRTLE EVTASLGWDL DSLDPGEEEA AEDEVVICPY DSNHHMPKSS LAKHMASCRL RKMGYTKEEE DEMYNPEFFY ENVKIPSITL NKDSQFQIIK QARTAVGKDS DCYNQRIYSS LPVEVPLNHK RFVCDLTQAD RLALYDFVVE ETKKKRSDSQ IIENDSDLFV DLAAKINQDN SRKSPKSYLE ILAEVRDYKR RRQSYRAKNV HITKKSYTEV IRDVINVHME ELSNHWQEEQ EKAEDDAEKN EERRSASVDS RQSGGSYLDA ECSRHRRDRS RSPHKRKRNK DKDKNCESRR RKERDGERHH SHKRRKQKI
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	16,902 Da
Sequence Positions	1-339, 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 Q6IEG0
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SNRNP48 recombinant protein	MBS1346616 is a recombinant protein targeting SNRNP48. Also known as Recombinant Human U11/U12 small nuclear ribonucleoprotein 48 kDa protein (SNRNP48). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SNRNP48 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 SNRNP48. It may not necessarily be applicable to this product.

NCBI GI #	71143123
NCBI GeneID	154007
NCBI Accession #	NP_689764.3

UniProt Primary Accession #	Q6IEG0
UniProt Secondary Accession #	Q14C91; Q5T339; Q5THM1; Q5THM2; Q96MK1; A8K8P4
UniProt Related Accession #	Q6IEG0
GenBank Nucleotide #	NM_152551.3
NCBI Official Full Name	U11/U12 small nuclear ribonucleoprotein 48 kDa protein
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein U11/U12 subunit 48
NCBI Official Symbol	SNRNP48
NCBI Official Synonym Symbols	C6orf151; dJ512B11.2; dJ336K20B.1
UniProt Protein Name	U11/U12 small nuclear ribonucleoprotein 48 kDa protein
Protein Family	U11/U12 small nuclear ribonucleoprotein 48 kDa protein
UniProt Gene Name	SNRNP48
UniProt Synonym Gene Names	C6orf151; U11/U12 snRNP 48 kDa protein; U11/U12-48K
NCBI Protein Information	U11/U12 small nuclear ribonucleoprotein 48 kDa protein
UniProt Comments for SNRNP48	Likely involved in U12-type 5' splice site recognition.
Research Articles on SNRNP48	**1.** A model in which the U11-48K Zn finger stabilizes U11-5' splice site base pairing and thus plays an important role during the minor spliceosome assembly.
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