Translation Initiation Factor 2 Subunit Gamma (eif2g) Halobacterium Salinarum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Translation initiation factor 2 subunit gamma (eif2g), Recombinant Protein
Full Product Name	Recombinant Halobacterium salinarum Translation initiation factor 2 subunit gamma (eif2g)
Product Gene Name	eif2g recombinant protein
Product Synonym Gene Name	eif2g
Sequence	MADEHRQPEV NIGLVGHVDH GKTTLVRALS GEWTDQHSEE MKRGISIRLG YADATLRRCP DCDEPECYTV AETCPEHDTA TEIERTVSFV DAPGHETLMA TMLSGAALMD GAVLVVGANE PVPQPQTEEH LMALDIIGIE NIVIAQNKVD LVDAEEARQN YEEIQAFVEG TVAEDAPVVP VSAEQEINVD LVIDALQTEI ATPDRDPSAD PLLYAARSFD INRPGTEWGG LLGGVIGGSL VDGELEAGDE LELRPGREVE EGGKTEWRPV TTDVRSLQAG GEDVDSASPG GLLGVGTGLD PSLTKGDALA GQVAGPPGSL PPTWESFEMD VDLLERLVGA ADGEQIDDIS TGEPLMLTVG TATTVGSVTS ARDGECEVAL KRPVCAPAGA KIAINRRVGA RWRLIGVGTL TESE
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	43,781 Da
Sequence Positions	1-414, 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 Q9HNK9
Species	Halobacterium salinarum (strain 700922 / JCM 11081 / NRC-1) (Halobacterium halobium)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eif2g recombinant protein	MBS1470562 is a recombinant protein targeting eif2g. Also known as Recombinant Halobacterium salinarum Translation initiation factor 2 subunit gamma (eif2g). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eif2g 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 eif2g. It may not necessarily be applicable to this product.

NCBI GI #	499205972
NCBI Accession #	WP_010903512.1
UniProt Primary Accession #	Q9HNK9

UniProt Secondary Accession #	O93626
GenBank Nucleotide #	WP_010903512.1
NCBI Official Full Name	translation initiation factor 2 subunit gamma
UniProt Protein Name	Translation initiation factor 2 subunit gamma
UniProt Synonym Protein Names	aIF2-gamma
Protein Family	Translation initiation factor
UniProt Gene Name	eif2g
UniProt Comments for eif2g	eIF-2 functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA.
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.
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