Translation Initiation Factor 5a (eif5a) Methanosarcina Mazei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Translation initiation factor 5A (eif5a), Recombinant Protein
Full Product Name	Recombinant Methanosarcina mazei Translation initiation factor 5A (eif5a)
Product Gene Name	eif5a recombinant protein
Product Synonym Gene Name	eif5a; MM_0922
Product Synonym Names	Translation initiation factor 5A; Hypusine-containing protein; eIF-5A
Sequence	MKQQVEVKEL KEGKYVIIDD EACVIKSITK SKPGKHGAAK ARVEAIGLFD GQKRSYIGSV ANKVYVPIVE RKSAQVISIT GDIAQLMDMG DFSTFEIVIP DELKDRVKEG EEVSYITALG KVKLDIRT
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	14,143 Da
Sequence Positions	1-128aa; 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 Q8PYE0
Species	Methanosarcina mazei (strain BAA-159 / DSM 3647 / Goe1 / Go1 / JCM 11833 / OCM 88) (Methanosarcina frisia)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eif5a recombinant protein	MBS1353025 is a recombinant protein targeting eif5a. Also known as Recombinant Methanosarcina mazei Translation initiation factor 5A (eif5a). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eif5a 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 eif5a. It may not necessarily be applicable to this product.

NCBI GI #	21227024
NCBI GeneID	1479264
NCBI Accession #	NP_632946.1
UniProt Primary Accession #	Q8PYE0
UniProt Related Accession #	Q8PYE0

GenBank Nucleotide #	NC_003901.1
NCBI Official Full Name	translation initiation factor IF-5A
NCBI Official Symbol	MM_0922
UniProt Protein Name	Translation initiation factor 5A
UniProt Synonym Protein Names	Hypusine-containing protein; eIF-5A
Protein Family	Translation initiation factor
UniProt Gene Name	eif5a
UniProt Entry Name	IF5A_METMA
NCBI Protein Information	translation initiation factor IF-5A
UniProt Comments for eif5a	Functions by promoting the formation of the first peptide bond.
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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