Eukaryotic Translation Initiation Factor 1a, X-Chromosomal (EIF1AX) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 1A, X-chromosomal (Eif1ax), Recombinant Protein
Full Product Name	Recombinant Mouse Eukaryotic translation initiation factor 1A, X-chromosomal (Eif1ax)
Product Gene Name	Eif1ax recombinant protein
Product Synonym Gene Name	Eif1ax
Sequence	MPKNKGKGGK NRRRGKNENE SEKRELVFKE DGQEYAQVIK MLGNGRLEAM CFDGVKRLCH IRGKLRKKVW INTSDIILVG LRDYQDNKAD VILKYNADEA RSLKAYGELP EHAKINETDT FGPGDDDEIQ FDDIGDDDED IDDI
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	16,460 Da
Sequence Positions	1-144, 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 Q8BMJ3
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Eif1ax recombinant protein	This gene encodes a protein similar to eukaryotic translation initiation factor 1A (EIF1A). EIF1A is required for the binding of the 43S complex (a 40S subunit, eIF2 GTP Met-tRNAi and eIF3) to the 5 end of capped RNA.
Other Notes	Small volumes of Eif1ax 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 Eif1ax purchase	MBS1376912 is a recombinant protein targeting Eif1ax. Also known as Recombinant Mouse Eukaryotic translation initiation factor 1A, X-chromosomal (Eif1ax). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Eif1ax. It may not necessarily be applicable to this product.

NCBI GI #	31541824
NCBI GeneID	66235
NCBI Accession #	NP_079713.2

UniProt Primary Accession #	Q8BMJ3
UniProt Secondary Accession #	Q3UY50; Q6ZWL8; Q8BJZ2; Q8BMH8; Q9CSL9
UniProt Related Accession #	Q8BMJ3
GenBank Nucleotide #	NM_025437.5
NCBI Official Full Name	eukaryotic translation initiation factor 1A, X-chromosomal
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 1A, X-linked
NCBI Official Symbol	Eif1ax
NCBI Official Synonym Symbols	Eif1ay; eIF-4C; AI426898; 1500010B24Rik
UniProt Protein Name	Eukaryotic translation initiation factor 1A, X-chromosomal
UniProt Synonym Protein Names	Eukaryotic translation initiation factor 4C; eIF-4C
Protein Family	Eukaryotic translation initiation factor
UniProt Gene Name	Eif1ax
UniProt Synonym Gene Names	Eif1ay; eIF-1A X isoform; eIF-4C
NCBI Protein Information	eukaryotic translation initiation factor 1A, X-chromosomal
UniProt Comments for Eif1ax	Seems to be required for maximal rate of protein biosynthesis. Enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40 S ribosomal subunits ().
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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