Probable Eukaryotic Translation Initiation Factor 4 Gamma Homolog (EIF4G), Partial (EIF4G) Nosema Ceranae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable eukaryotic translation initiation factor 4 gamma homolog (EIF4G), partial, Recombinant Protein
Full Product Name	Recombinant Nosema ceranae Probable eukaryotic translation initiation factor 4 gamma homolog (EIF4G), partial
Product Gene Name	EIF4G recombinant protein
Product Synonym Gene Name	EIF4G; NCER_100836
Product Synonym Names	Probable eukaryotic translation initiation factor 4 gamma homolog; eIF-4-gamma
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	69,759 Da
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 C4V8K5
Species	Nosema ceranae (strain BRL01) (Microsporidian parasite)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EIF4G recombinant protein	MBS1259134 is a recombinant protein targeting EIF4G. Also known as Recombinant Nosema ceranae Probable eukaryotic translation initiation factor 4 gamma homolog (EIF4G), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of EIF4G 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 EIF4G. It may not necessarily be applicable to this product.

NCBI GI #	300707841
NCBI GeneID	9424012
NCBI Accession #	XP_002996114.1
UniProt Primary Accession #	C4V8K5
UniProt Related Accession #	C4V8K5
GenBank Nucleotide #	XM_002996068.1
NCBI Official Full Name	hypothetical protein NCER_100836

NCBI Official Symbol	NCER_100836
UniProt Protein Name	Probable eukaryotic translation initiation factor 4 gamma homolog
Protein Family	Eukaryotic translation initiation factor
UniProt Gene Name	EIF4G
UniProt Synonym Gene Names	eIF-4-gamma
UniProt Entry Name	IF4G_NOSCE
NCBI Protein Information	hypothetical protein
UniProt Comments for EIF4G	Component of the protein complex eIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure and recruitment of mRNA to the ribosome.
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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