Eukaryotic Translation Initiation Factor 3 Subunit J (hcr1) Aspergillus Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 3 subunit J (hcr1), Recombinant Protein
Full Product Name	Recombinant Aspergillus oryzae Eukaryotic translation initiation factor 3 subunit J (hcr1)
Product Gene Name	hcr1 recombinant protein
Product Synonym Gene Name	hcr1
Sequence	MAPERWDDEE DSVSPPPVAP RRRFDDEEED EVLDSWDAAE DSEVEREKAA KAAEAKAKAD AEAAAKKKSK SQRIQEHKEE RKKKAEEEDS DSEEEDDADK RARLRRAQKD ADLKHAEDLF GDIDLNRNRG APKAIVISDS ADPTQAVDLS AMPLFKPTTK EQFARLTSTL IPLLTPHSKK PHYSLWAQEF AKQLVKELNS ADVKKIASAM TTMSNEKMRE ERAADKGSKK SKAAKTKVSL VTSRDNKLDA DYDNGDDGLG DDDFM
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	29,689 Da
Sequence Positions	1-265, 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 Q2UMC5
Species	Aspergillus oryzae (strain 42149 / RIB 40) (Yellow koji mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hcr1 recombinant protein	MBS1321932 is a recombinant protein targeting hcr1. Also known as Recombinant Aspergillus oryzae Eukaryotic translation initiation factor 3 subunit J (hcr1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hcr1 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 hcr1. It may not necessarily be applicable to this product.

NCBI GI #	169769645
NCBI GeneID	5991275
NCBI Accession #	XP_001819292.1
UniProt Primary Accession #	Q2UMC5

UniProt Related Accession #	Q2UMC5
GenBank Nucleotide #	XM_001819240.3
NCBI Official Full Name	unnamed protein product
NCBI Official Symbol	AO090003000054
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit J
UniProt Synonym Protein Names	Eukaryotic translation initiation factor 3 30 kDa subunit; eIF-3 30 kDa
UniProt Gene Name	hcr1
UniProt Synonym Gene Names	eIF-3 30 kDa
NCBI Protein Information	hypothetical protein
UniProt Comments for hcr1	Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is involved in protein synthesis of a specialized repertoire of mRNAs and, together with other initiation factors, stimulates binding of mRNA and methionyl-tRNAi to the 40S ribosome. The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation.
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