Eukaryotic Translation Initiation Factor 3 Subunit J (hcr1) Emericella Nidulans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 3 subunit J (hcr1), Recombinant Protein
Full Product Name	Recombinant Emericella nidulans Eukaryotic translation initiation factor 3 subunit J (hcr1)
Product Gene Name	hcr1 recombinant protein
Product Synonym Gene Name	hcr1; AN5745
Product Synonym Names	Eukaryotic translation initiation factor 3 subunit J; eIF3j; Eukaryotic translation initiation factor 3 30 kDa subunit; eIF-3 30 kDa
Sequence	MPPSKWDEEE EEGVSPPPVA ARRRFDDEED GDVLDSWDAA DDSEVEREKA AKAAEAKAKA EAEAAANKKS KAQRIAEHKT RRKAAEDEED DESDEDEAEK RARLRRTEKD SDLKHAEDLF GDIDLNRNRG KNKTIVVHDA SGDPTQAVDL SAMPLFKPAT KEQFTTLSNT LVPLLTAQSK KPQYALWLPE FAKQLAKELP SGDIKKVASA LTTLSNEKMK EERAADKGSK KTKAAKTKVS LVASRSDKIE TTAYDDDGLD 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	29,389 Da
Sequence Positions	1-265aa; 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 Q5B136
Species	Emericella nidulans (strain FGSC A4 / 38163 / CBS 112.46 / NRRL 194 / M139) (Aspergillus nidulans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hcr1 recombinant protein	MBS1353995 is a recombinant protein targeting hcr1. Also known as Recombinant Emericella nidulans 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 #	67539150
NCBI GeneID	2872036
NCBI Accession #	XP_663349.1

UniProt Primary Accession #	Q5B136
UniProt Secondary Accession #	C8VFJ5
GenBank Nucleotide #	XM_658257.1
NCBI Official Full Name	hypothetical protein AN5745.2
NCBI Official Symbol	AN5745.2
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
UniProt Entry Name	EIF3J_EMENI
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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