Eukaryotic Translation Initiation Factor 3 Subunit B (PRT1) Ustilago Maydis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 3 subunit B (PRT1), Recombinant Protein
Full Product Name	Recombinant Ustilago maydis Eukaryotic translation initiation factor 3 subunit B (PRT1), partial
Product Gene Name	PRT1 recombinant protein
Product Synonym Gene Name	PRT1
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	86,022 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 Q4P6G4
Species	Ustilago maydis (strain 521 / FGSC 9021) (Smut fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PRT1 recombinant protein	MBS1399565 is a recombinant protein targeting PRT1. Also known as Recombinant Ustilago maydis Eukaryotic translation initiation factor 3 subunit B (PRT1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PRT1 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 PRT1. It may not necessarily be applicable to this product.

NCBI GI #	758982529
NCBI GeneID	23564523
NCBI Accession #	XP_011390752.1
UniProt Primary Accession #	Q4P6G4
UniProt Secondary Accession #	A0A0D1DZ20
UniProt Related Accession #	Q4P6G4
GenBank Nucleotide #	XM_011392450.1
NCBI Official Full Name	hypothetical protein UMAG_04299

NCBI Official Symbol	UMAG_04299
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit B
UniProt Synonym Protein Names	Eukaryotic translation initiation factor 3 90 kDa subunit homolog
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	PRT1
UniProt Synonym Gene Names	eIF3b; eIF3 p90
NCBI Protein Information	hypothetical protein
UniProt Comments for PRT1	RNA-binding 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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