Peptidyl-Prolyl Cis-Trans Isomerase D (cpr6) Neosartorya Fumigata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Peptidyl-prolyl cis-trans isomerase D (cpr6), Recombinant Protein
Full Product Name	Recombinant Neosartorya fumigata Peptidyl-prolyl cis-trans isomerase D (cpr6)
Product Gene Name	cpr6 recombinant protein
Product Synonym Gene Name	cpr6; AFUA_2G02050
Product Synonym Names	Peptidyl-prolyl cis-trans isomerase D; PPIase D; EC=5.2.1.8; Rotamase D
Sequence	MAETQRRPRV YFDIQIGSQK AGRIALELVR LPFNDVVPKT AENFRALCTG EKGVGKQRKP LSYKGSIFHR VIKQFMIQGG DFTNFNGTGG ESIYGEKFPD ENFELKHDRP FLLSMANSGP GTNGSQFFIT TVPTPHLDGK HVVFGEVING KSIVRKIENM PTQADKPTTD VTIVDCGELS GEDYENATKQ VADATGDPYE DYPDDHQGEE LNAQVCFKIA SELKNFGNTA FKSGDVALGL DKYQKGLRYL NEFPDPDEND PKDLEPQMKS LRFTLHSNSS LLANKLGQYK NAQNWATYAL EVADAANAKE ADRAKAYYRR AVAYSGQKEE DEALKDLQEA LKLAPGDAGI LNEIAKVKKA IKDSEAKEKA AARKFFS
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	41,808 Da
Sequence Positions	1-377aa; 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 Q4WIF3
Species	Neosartorya fumigata (strain MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cpr6 recombinant protein	MBS1360019 is a recombinant protein targeting cpr6. Also known as Recombinant Neosartorya fumigata Peptidyl-prolyl cis-trans isomerase D (cpr6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cpr6 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 cpr6. It may not necessarily be applicable to this product.

NCBI GI #	70988980
NCBI GeneID	3507112
NCBI Accession #	XP_749340.1

UniProt Primary Accession #	Q4WIF3
UniProt Related Accession #	Q4WIF3
GenBank Nucleotide #	XM_744247.1
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase Cpr7
NCBI Official Symbol	AFUA_2G02050
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase D
UniProt Synonym Protein Names	Rotamase D
Protein Family	Peptidyl-prolyl cis-trans isomerase
UniProt Gene Name	cpr6
UniProt Synonym Gene Names	PPIase D
UniProt Entry Name	PPID_ASPFU
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase Cpr7
UniProt Comments for cpr6	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides ().
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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