Peptidyl-Prolyl Isomerase CWC27 (CWC27) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Peptidyl-prolyl isomerase CWC27 (CWC27), Recombinant Protein
Full Product Name	Recombinant Cryptococcus neoformans var. neoformans serotype D Peptidyl-prolyl isomerase CWC27 (CWC27)
Product Gene Name	CWC27 recombinant protein
Product Synonym Gene Name	CWC27; CNJ02320
Product Synonym Names	Peptidyl-prolyl isomerase CWC27; PPIase CWC27; EC=5.2.1.8; Rotamase CWC27
Sequence	MSNLYATEPA TNGKVIIDTT AGEIEVELWG KECPKAVRNF LALTMEGYYD GVIFHRVVPG FIIQSGDPTG TGMGGESFYG EPFEDEIHGR LKFNRRGLLG MANNGSRNSN TSQFFITLDA APELTNKHTM FGKIVGNTIF NVLNIGNLDT DKEERPLIPP KIRRIHIIEN PFDDIVPRIT AEEKKAQQKA KLEAKKDMEQ RERRAKAKKN TGLLSFGDSE EIPEEEVTVK KKSMTRQDLV DPSEAEHTKS KTSKMTETFV NIPPSLKDLG KSRENEASEE KKAVDLKNIR AQHEREKAGG SAARQAEIKR MEEDLRRLKK RSGSVSDSES DSSSRARRKG PSYLEQELAK YASKRGRAAM KAGNKRGRRD EEEDVLTEMR KFSKRVMQAG DEPEEEQAEE IEEGEAKEEG TGIGAAMAEE EGGIEVDDDV GWLTHKLKFQ VDDKELTRRA EDEYAVIDPR AKARDLLGKP DKKKLKGNPN RRTVRNSGRN R
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	55,194 Da
Sequence Positions	1-491aa; 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 P0CP92
Species	Cryptococcus neoformans var. neoformans serotype D (strain JEC21 / MYA-565) (Filobasidiella neoformans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CWC27 recombinant protein	MBS1236864 is a recombinant protein targeting CWC27. Also known as Recombinant Cryptococcus neoformans var. neoformans serotype D Peptidyl-prolyl isomerase CWC27 (CWC27). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CWC27 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 CWC27. It may not necessarily be applicable to this product.

NCBI GI #	58260070
NCBI GeneID	3254127

NCBI Accession #	XP_567445.1
UniProt Primary Accession #	P0CP92
UniProt Secondary Accession #	Q55L68; Q5KAB3
UniProt Related Accession #	P0CP92
GenBank Nucleotide #	XM_567445.1
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	CNJ02320
UniProt Protein Name	Peptidyl-prolyl isomerase CWC27
UniProt Synonym Protein Names	Rotamase CWC27
Protein Family	Peptidyl-prolyl cis-trans isomerase
UniProt Gene Name	CWC27
UniProt Synonym Gene Names	PPIase CWC27
UniProt Entry Name	CWC27_CRYNJ
NCBI Protein Information	hypothetical protein
UniProt Comments for CWC27	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Involved in pre-mRNA splicing ().
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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