Assembly Factor CBP4 (CBP4) Ajellomyces Capsulata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Assembly factor CBP4 (CBP4), Recombinant Protein
Full Product Name	Recombinant Ajellomyces capsulata Assembly factor CBP4 (CBP4)
Product Gene Name	CBP4 recombinant protein
Sequence	MPRIGTTVKM IVAGVLLCIG GPALVQYVRP TEEELFQKFN PELQKRNLET RDQRQKDFDS FVTQLKTHAK SDKSIWHAIK ESETTNRREV ETRRKAELEE AERQKAQIRK ELAEGS
Host	Cell Free Expression
Form/Format	Liquid containing glycerol
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.
Molecular Weight	13,467 Da
Sequence Positions	1-116aa; full length protein
3D Structure	ModBase 3D Structure for A6R620
Species	Ajellomyces capsulata (strain NAm1 / WU24) (Darling's disease fungus) (Histoplasma capsulatum)
Product Categories/Family for CBP4 recombinant protein	Transmembrane Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Application Notes for CBP4 recombinant protein	This is a recombinant transmembrane protein expressed in a cell-free expression system.
Related Product Information for CBP4 recombinant protein	MBS7010860 is a recombinant protein targeting CBP4. Also known as Recombinant Ajellomyces capsulata Assembly factor CBP4 (CBP4). Host: Cell Free Expression.
Other Notes	Small volumes of CBP4 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 CBP4. It may not necessarily be applicable to this product.

NCBI GI #	154277540
NCBI GeneID	5445830
NCBI Accession #	XP_001539611.1
UniProt Primary Accession #	A6R620
UniProt Related Accession #	A6R620
GenBank Nucleotide #	XM_001539561.1
NCBI Official Full Name	predicted protein
NCBI Official Symbol	HCAG_05078

UniProt Protein Name	Assembly factor CBP4
UniProt Synonym Protein Names	Cytochrome b mRNA-processing protein 4
Protein Family	Assembly factor
UniProt Gene Name	CBP4
UniProt Entry Name	CBP4_AJECN
NCBI Protein Information	hypothetical protein
UniProt Comments for CBP4	Essential for the assembly of ubiquinol-cytochrome c reductase. It has a direct effect on the correct occurrence of the Rieske protein, core 4, core 5 and apocytochrome b ().
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