Protein Dos (DOS) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein Dos (DOS), Recombinant Protein
Full Product Name	Recombinant Human Protein Dos (DOS)
Product Gene Name	DOS recombinant protein
Product Synonym Gene Name	C19orf26
Sequence	MATAATTTTT TTATVALTTS WDNATGRPTA EPDPILDNYV LLVVVMSLFV GGTLVVLSGV LLLCKRCWDV HQRLNRAMEE AEKTTTTYLD NGTHPAQDPD FRGEDPECQD AETERFLSTS STGRRVSFNE AALFEQSRKT QDKGRQGGWQ STAAGASGMG GGRALMARCC RRYTLTEGDF HHLKNARLTH LHLPPLKIVT IHECDSGEAS SATTPHPATS PKATLAIFQP PGKALTGRSV GPSSALPGDP YNSAAGATDF AEISPSASSD SGEGTSLDAG TRSTKAGGPG AAAGPGEAGP GSGAGTVLQF LTRLRRHASL DGASPYFKVK KWKLEPSQRA ASLDTRGSPK RHHFQRQRAA SESTEQEEGD APQEDFIQYI ARAGDAVAFP HPRPFLASPP PALGRLEAAE AAGGASPDSP PERGAGSAGP EQQQPPLEPD AERDAGPEQA QTSYRDLWSL RASLELHAAA SDHSSSGNDR DSVRSGDSSG SGSGGAAPAF PPPSPPAPRP KDGEARRLLQ MDSGYASIEG RGAGDDTEPP AAPARPRSPR AWPRRPRRDY SIDEKTDALF HEFLRHDPHF DDTPAAARHR ARAHPHARKQ WQRGRQHSDP GARAAPALAG TPAPPAGAAR PARAPLRRGD SVDGPPDGRT LGGAGDDPAI PVIEEEPGGG GCPGSGLCVL PSGSVLDKLA AGLDERLFPP RLAEPVVATP ALVAAAPTSP DHSPA
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	47,719 Da
Sequence Positions	1-725aa; full length protein
3D Structure	ModBase 3D Structure for Q8N350
Species	Human
Product Categories/Family for DOS recombinant protein	Transmembrane Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Application Notes for DOS recombinant protein	This is a recombinant transmembrane protein expressed in a cell-free expression system.
Related Product Information for DOS recombinant protein	MBS7013845 is a recombinant protein targeting DOS. Also known as Recombinant Human Protein Dos (DOS). Host: Cell Free Expression.
Other Notes	Small volumes of DOS 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 DOS. It may not necessarily be applicable to this product.

NCBI GI #	393794759
NCBI GeneID	255057

NCBI Accession #	NP_689982.3
UniProt Primary Accession #	Q8N350
UniProt Secondary Accession #	O43385; K7EJP2
UniProt Related Accession #	Q8N350
GenBank Nucleotide #	NM_152769.2
NCBI Official Full Name	voltage-dependent calcium channel beta subunit-associated regulatory protein
NCBI Official Synonym Full Names	CACN beta subunit associated regulatory protein
NCBI Official Symbol	CBARP
NCBI Official Synonym Symbols	DOS; BARP; C19orf26
UniProt Protein Name	Voltage-dependent calcium channel beta subunit-associated regulatory protein
Protein Family	Protein daughter of sevenless
UniProt Gene Name	CBARP
UniProt Entry Name	CBARP_HUMAN
NCBI Protein Information	voltage-dependent calcium channel beta subunit-associated regulatory protein
UniProt Comments for DOS	DOS: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: cell junction; growth cone; integral to membrane; plasma membrane; secretory granule; synaptic vesicle membrane Biological Process: negative regulation of calcium ion-dependent exocytosis
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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