DENN Domain-Containing Protein 2d (DENND2D) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	DENN domain-containing protein 2D (DENND2D), Recombinant Protein
Full Product Name	Recombinant Human DENN domain-containing protein 2D (DENND2D)
Product Gene Name	DENND2D recombinant protein
Product Synonym Gene Name	DENND2D
Sequence	MEGQVVGRVF RLFQRRLLQL RAGPPQDNSG EALKEPERAQ EHSLPNFAGG QHFFEYLLVV SLKKKRSEDD YEPIITYQFP KRENLLRGQQ EEEERLLKAI PLFCFPDGNE WASLTEYPRE TFSFVLTNVD GSRKIGYCRR LLPAGPGPRL PKVYCIISCI GCFGLFSKIL DEVEKRHQIS MAVIYPFMQG LREAAFPAPG KTVTLKSFIP DSGTEFISLT RPLDSHLEHV DFSSLLHCLS FEQILQIFAS AVLERKIIFL AEGLSTLSQC IHAAAALLYP FSWAHTYIPV VPESLLATVC CPTPFMVGVQ MRFQQEVMDS PMEEVLLVNL CEGTFLMSVG DEKDILPPKL QDDILDSLGQ GINELKTAEQ INEHVSGPFV QFFVKIVGHY ASYIKREANG QGHFQERSFC KALTSKTNRR FVKKFVKTQL FSLFIQEAEK SKNPPAGYFQ QKILEYEEQK KQKKPREKTV K
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	53,148 Da
Sequence Positions	1-471, 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.
OMIM	615111
3D Structure	ModBase 3D Structure for Q9H6A0
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DENND2D recombinant protein	MBS1350336 is a recombinant protein targeting DENND2D. Also known as Recombinant Human DENN domain-containing protein 2D (DENND2D). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DENND2D 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 DENND2D. It may not necessarily be applicable to this product.

NCBI GI #	426214085
NCBI GeneID	79961

NCBI Accession #	NP_001258762.1
UniProt Primary Accession #	Q9H6A0
UniProt Secondary Accession #	Q5T5V6; Q9BSU0
UniProt Related Accession #	Q9H6A0
GenBank Nucleotide #	NM_001271833.1
NCBI Official Full Name	DENN domain-containing protein 2D isoform b
NCBI Official Synonym Full Names	DENN domain containing 2D
NCBI Official Symbol	DENND2D
UniProt Protein Name	DENN domain-containing protein 2D
Protein Family	DENN domain-containing protein
UniProt Gene Name	DENND2D
NCBI Protein Information	DENN domain-containing protein 2D
UniProt Comments for DENND2D	Guanine nucleotide exchange factor (GEF) which may activate RAB9A and RAB9B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form.
Research Articles on DENND2D	**1.** Higher frequency of promoter hypermethylation of DENND2D is associated with gastric cancer.
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