Copine-9 (CPNE9) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Copine-9 (CPNE9), Recombinant Protein
Full Product Name	Recombinant Human Copine-9 (CPNE9)
Product Gene Name	CPNE9 recombinant protein
Product Synonym Gene Name	CPNE9
Sequence	MSLGGASERS VPATKIEITV SCRNLLDLDT FSKSDPMVVL YTQSRASQEW REFGRTEVID NTLNPDFVRK FVLDYFFEEK QNLRFDVYNV DSKTNISKPK DFLGQAFLAL GEVIGGQGSR VERTLTGVPG KKCGTILLTA EELSNCRDIA TMQLCANKLD KKDFFGKSDP FLVFYRSNED GTFTICHKTE VVKNTLNPVW QPFSIPVRAL CNGDYDRTVK IDVYDWDRDG SHDFIGEFTT SYRELSKAQN QFTVYEVLNP RKKCKKKKYV NSGTVTLLSF SVDSEFTFVD YIKGGTQLNF TVAIDFTASN GNPLQPTSLH YMSPYQLSAY AMALKAVGEI IQDYDSDKLF PAYGFGAKLP PEGRISHQFP LNNNDEDPNC AGIEGVLESY FQSLRTVQLY GPTYFAPVIN QVARAAAKIS DGSQYYVLLI ITDGVISDMT QTKEAIVSAS SLPMSIIIVG VGPAMFEAME ELDGDDVRVS SRGRYAERDI VQFVPFRDYV DRSGNQVLSM ARLAKDVLAE IPEQLLSYMR TRDIQPRPPP PANPSPIPAP EQP
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	56,034 Da
Sequence Positions	1-553, 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 Q8IYJ1
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CPNE9 recombinant protein	MBS1437451 is a recombinant protein targeting CPNE9. Also known as Recombinant Human Copine-9 (CPNE9). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CPNE9 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 CPNE9. It may not necessarily be applicable to this product.

NCBI GI #	817475862
NCBI GeneID	151835
NCBI Accession #	NP_001295317.1

UniProt Primary Accession #	Q8IYJ1
UniProt Secondary Accession #	A1L430; A6NDX6; A8MSP8
UniProt Related Accession #	Q8IYJ1
GenBank Nucleotide #	NM_001308388.1
NCBI Official Full Name	copine-9 isoform 2
NCBI Official Synonym Full Names	copine family member 9
NCBI Official Symbol	CPNE9
UniProt Protein Name	Copine-9
UniProt Synonym Protein Names	Copine IX
Protein Family	Copine
UniProt Gene Name	CPNE9
NCBI Protein Information	copine-9
UniProt Comments for CPNE9	Probable calcium-dependent phospholipid-binding protein that may play a role in calcium-mediated intracellular processes (). Plays a role in dendrite formation by melanocytes (PubMed:23999003).
Research Articles on CPNE9	**1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator)
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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