Complexin-4 (CPLX4) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Complexin-4 (CPLX4), Recombinant Protein
Full Product Name	Recombinant Human Complexin-4 (CPLX4)
Product Gene Name	CPLX4 recombinant protein
Product Synonym Gene Name	CPLX4
Sequence	MAFLMKSMIS NQVKNLGFGG GSEENKEEGG ASDPAAAQGM TREEYEEYQK QMIEEKMERD AAFTQKKAER ACLRVHLREK YRLPKSEMDE NQIQMAGDDV DLPEDLRKMV DEDQEEEEDK DSILGQIQNL QNMDLDTIKE KAQATFTEIK QTAEQKC
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	18,336 Da
Sequence Positions	1-157, 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	609586
3D Structure	ModBase 3D Structure for Q7Z7G2
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CPLX4 recombinant protein	This gene likely encodes a member of the complexin family. The encoded protein may be involved in synaptic vesicle exocytosis.
Other Notes	Small volumes of CPLX4 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.
Searchable Terms for CPLX4 purchase	MBS1348081 is a recombinant protein targeting CPLX4. Also known as Recombinant Human Complexin-4 (CPLX4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CPLX4. It may not necessarily be applicable to this product.

NCBI GI #	31795561
NCBI GeneID	339302
NCBI Accession #	NP_857637.1

UniProt Primary Accession #	Q7Z7G2
UniProt Secondary Accession #	F1T0L6
UniProt Related Accession #	Q7Z7G2
GenBank Nucleotide #	NM_181654.3
NCBI Official Full Name	complexin-4
NCBI Official Synonym Full Names	complexin 4
NCBI Official Symbol	CPLX4
NCBI Official Synonym Symbols	CPXIV; CPX-IV
UniProt Protein Name	Complexin-4
UniProt Synonym Protein Names	Complexin IV; CPX IV
Protein Family	Complexin
UniProt Gene Name	CPLX4
UniProt Synonym Gene Names	CPX IV
NCBI Protein Information	complexin-4
UniProt Comments for CPLX4	Positively regulates a late step in synaptic vesicle 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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