



Recombinant Human Copine-3 (CPNE3)

Product Code	CSB-EP005902HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75131
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAAQCVTKVA LNVSCANLLD KDIGSKSDPL CVLFLNTSGQ QWYEVERTER IKNCLNPQFS KTFIIDYYFE VVQKLKFGVY DIDNKTIELS DDDFLGCEEC TLGQIVSSKK LTRPLVMKTG RPAGKGSITI SAEIKDNRV VLFEMEARKL DNKDLFGKSD PYLEFHKQTS DGNWLMVHRT EVVKNNLNPV WRPFKISLNS LCYGDMDKTI KVECYDYDND GSHDLIGTFQ TTMTKLKEAS RSPVEFECI NEKKRQKKKS YKNSGVISVK QCEITVECTF LDYIMGGCQL NFTVGVDFTG SNGDPRSPDS LHYISPNGVN EYLTALWSVG LVIQDYDADK MFPAFGFGAQ IPPQWQVSHE FPMNFNPSNP YCNGIQGIVE AYRSCLPQIK LYGPTNFSPI INHVARFAAA ATQQQTASQY FVLLIITDGV ITDLDETRQA IVNASRLPMS IIVGVGGAD FSAMEFLDGD GGSLRSPLGE VAIRDIVQFV PFRQFQNAPK EALAQCVLAE IPQQVVGYFN TYKLLPPKNP ATKQQKQ
Source	E.coli
Target Names	CPNE3
Protein Names	Recommended name: Copine-3 Alternative name(s): Copine III
Expression Region	1-537
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene encodes a protein which contains two type II C2 domains in the amino-terminus and an A domain-like sequence in the carboxy-terminus. The A domain mediates interactions between integrins and extracellular ligands.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.