



# Recombinant Human Copine-3 (CPNE3)

<b>Product Code</b>	CSB-EP005902HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O75131
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MAAQCVTKVA LNVSCANLLD KDIGSKSDPL CVLFLNTSGQ QWYEVERTER            IKNCLNPQFS KTFIIDYYFE VVQKLKFGVY DIDNKTIELS DDDFLGCEC            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 FPMNPNPSNP YCNGIQGIVE AYRSCLPQIK LYGPTNFSPI            INHVARFAAA ATQQQTASQY FVLLIITDGV ITDLDETRQA IVNASRLPMS            IIVGVGGAD FSAMEFLDGD GGSLRSPLGE VAIRDIVQFV PFRQFQNAPK            EALAQCVLAE IPQQVVGYFN TYKLLPPKNP ATKQQKQ</p>
<b>Source</b>	E.coli
<b>Target Names</b>	CPNE3
<b>Protein Names</b>	Recommended name: Copine-3 Alternative name(s): Copine III
<b>Expression Region</b>	1-537
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.