



# Recombinant Human Copine-2 (CPNE2)

<b>Product Code</b>	CSB-EP839323HU-B
<b>Abbreviation</b>	CPNE2
<b>Storage</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.
<b>Uniprot No.</b>	Q96FN4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAHIPSGGAP AAGAAPMGPQ YCVCKVELSV SGQNLLDRDV TSKSDPFCVL FTENNGRWIE YDRTETAINN LNPAFSKKFV LDYHFEEVQK LKFALFDQDK SSMRLDEHDF LGQFSCSLGT IVSSKKITRP LLLLNDKPAG KGLITIAAQE LSDNRVITLS LAGRRLDKKD LFGKSDPFLE FYKPGDDGKW MLVHRTEVIK YTLDPVWKPFP TVPLVSLCDG DMEKPIQVMC YDYDNDGGHD FIGEFQTSVS QMCEARDSVP LEFECINPKK QRKKKNYKNS GIILRSCKI NRDYSFLDYI LGGCQLMFTV GIDFTASNGN PLDPSSLHYI NPMGTNEYLS AIWAVGQIIQ DYDSDKMFPALGFQAQLPPD WKVSHEFAIN FNPTNPFCSG VDGIAQAYSA CLPHIRFYGP TNFSPIVNHV ARFAAQATQQ RTATQYFILL IITDGVISDM EETRHAVVQA SKLPMSIIIV GVGNA DFAAM EFLDGD SRML RSHTGEEAAR DIVQFVPFRE FRNAAKETLA KAVLAELPQQ VVQYFKHKNL PPTNSEPA
<b>Source</b>	E.coli
<b>Target Names</b>	CPNE2
<b>Protein Names</b>	Recommended name: Copine-2 Alternative name(s): Copine II
<b>Expression Region</b>	1-548
<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 is one of several genes that encode a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. Sequence analysis identified multiple alternatively spliced transcript variants but their full-length natures could not be determined.
<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.

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