



Recombinant Human Copine-5 (CPNE5)

Product Code	CSB-EP872546HU-B
Abbreviation	CPNE5
Storage	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.
Uniprot No.	Q9HCH3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MEQPEDMASL SEFDSLAGSI PATKVEITVS CRNLLDKDMF SKSDPLCVMY TQGMENKQWR EFGRTEVIDN TLNPDFVRKF IDYFFEEKQ NLRFDLYDVD SKSPDLKHD FLGQAFCTLG EIVGSPGSRL EKPLTIGAFS LNSRTGKMP AVSNGGVP GK KCGTIILSAE ELSNCRDVAT MQFCANKLDK KDFFGKSDPF LVFYRSNEDG TFTICHKTEV MKNTLNPVWQ TFSIPVRALC NGDYDRTIKV EVDWDRDGS HDFIGEFTTS YRELARGQSQ FNIYEVNPK KKMKKKKYVN SGTVTLLSFA VESECTFLDY IKGGTQINFT VAIDFTASNG NPSQSTSLHY MSPYQLNAYA LALTAVGEII QHYDSKMF ALGFGAKLPP DGRVSHEFPL NGNQENPSCC GIDGILEAYH RSLRTVQLYG PTNFAPVVTH VARNAAVQD GSQYSVLLII TDGVISDMAQ TKEAIVNAAK LPMSIIIVGV GQAEFDAMVE LDGDDVRISS RGKLAERDVI QFVPFRDYVD RTGNHVL SMA RLARDVL AEI PDQLVSYMKA QGIRPRPPPA APTHSPSQSP ARTPPASPLH THI
Source	E.coli
Target Names	CPNE5
Protein Names	Recommended name: Copine-5 Alternative name(s): Copine V
Expression Region	1-593
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 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.
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.

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