

Datasheet for ABIN7546741

Copine V Protein (CPNE5) (AA 1-593) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Copine V (CPNE5)
Protein Characteristics:	AA 1-593
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Copine V protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CPNE5 Protein expressed in mammalian cells.
Sequence:	MEQPEDMASL SEFDSLAGSI PATKVEITVS CRNLLDKDMF SKSDPLCVMY TQGMENKQWR EFG RTEVIDN TLNPDFVRKF IDVYFFEEKQ NLRFDLYDVD SKSPDLSKHD FLGQAFCTLG EIVGSPGSRL EKPLTIGAFS LNSRTGKMP AVSNGGVP GK KCGTIILSAE ELSNCRDVAT MQFCANKLDK KDFFGKSDPF LVFYRSNEDG TFTICHKTEV MKNTLNPVWQ TFSIPVRALC NGDYDRTIKV EYDWDWRDGS HDFIGEF TTS YRELARGQSQ FNIYEVVNP KKKMKKKKYVN SGTVTLLSFA VESECTFLDY IKGQTQINFT VAIDFTASNG NPSQSTSLHY MSPYQLNAYA LALTAVGEII QHYDSDKMFP ALGFGAKLPP DGRVSHEFPL NGNQENPSCC GIDGILEAYH RSLRTVQLYG PTNFAPVWTH VARNAAAVQD GSQYSVLLII TDGVISDMAQ TKEAIVNAAK LPMSIIIVGV GQAEFDAMVE LDGDDVRISS RGKLAERD IV QFVPPFRDYVD RTGNHVL SMA RLARDVLAEI PDQLVSYMKA QGIRPRPPA APTHSPSQSP ARTPPASPLH TH Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a

Product Details

special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: Copine V (CPNE5)

Alternative Name: CPNE5 ([CPNE5 Products](#))

Background: Copine-5 (Copine V),FUNCTION: Probable calcium-dependent phospholipid-binding protein that may play a role in calcium-mediated intracellular processes (By similarity). Plays a role in dendrite formation by melanocytes (PubMed:23999003). {ECO:0000250|UniProtKB:Q99829, ECO:0000269|PubMed:23999003}.

Molecular Weight: 65.7 kDa

UniProt: [Q9HCH3](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
