

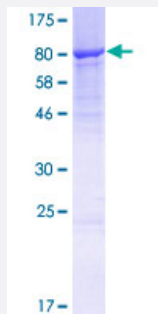
Full-Length

CPNE4 (Human) Recombinant Protein (P01)

Catalog # H00131034-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CPNE4 full-length ORF (NP_570720.1, 1 a.a. - 557 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKKMSNIYESAANTLGIFNSPCLTKVELRVACKGISDRDALSKPDPCVILKMQSHGQWFEVDRTE
VIRTCINPVYSKLFVDFYFEEVQRLRFEVHDISSNHNGLEADFLGGMECTLGQVSQRKLSKSLL
KHGNTAGKSSITVIAEELSGNDDYELAFNARKLDDKDFFSKSDPFLEIFRMNDDATQQLVHRTEV
VMNNLSPAWKSFKVSVNSLCSGDPDRRLKCMWDWDSNGKHDFIGFTSTFKEMRGAMEGKQ
VQWECINPKYKAKKKNYKNSGTIVLNLCIHKMHSFLDYIMGGCQIQFTVAIDFTASNGDPRNSCSL
HYIHPYQPNEYLKALVAVGEICQDYDSDKMFPAFGFGARIPPEYTVSHDFAINFNEDNPECAGIQG
VVEAYQSCLPKLQLYGPTNAPIIQKVAKSASEETNTKEASQYFILLITDGVITDMADTREAIVHASH
LPMSVIVGVGNADFSDMQMLDGDDGILRSPKGPEVLRDIVQFVPFRNFKHASPAALAKSVLAEV
PNQVVDYNGKGIKPKCSSEMYESSRTLAP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CPNE4

Entrez GeneID[131034](#)**GeneBank Accession#**[NM_130808.1](#)**Protein Accession#**[NP_570720.1](#)**Gene Name**

CPNE4

Gene Alias

COPN4, CPN4, MGC15604

Gene Description

copine IV

Omim ID[604208](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

copine 8

Disease

- [Tobacco Use Disorder](#)