

Full-Length

CPNE3 (Human) Recombinant Protein (P01)

Catalog # H00008895-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CPNE3 full-length ORF (AAH36242, 1 a.a. - 537 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAQCVTKVALNVSCANLLDKDIGSKSDPLCVLFLNTSGQQWYEVERTERIKNCLNPQFSKTFIID
YYFEVVQKLKFGVYDIDNKTIELSDDDFLGECECTLGQVSSKKLTRPLVMKTGRPAGKGSITISAE
EIKDNRVVLFFEMEARKLDNKDLFGKSDPYLEFHKQTSNGWLMVHRTEVVKNNLNPVWRPFKIS
LNSLCYGDMDKTIKVECYDYDNDGSHDLIGTFQTTMTKLKEASRSPVEFECINEKKRQKKKSYKN
SGVISVKQCEITVECTFLDYIMGGCQLNFTVGVDFTGSNGDPRSPDSLHYISPNGVNEYLTALWSV
GLVIQDYDADKMFPAGFGAQIPPQWQVSHEFPMNFNPSNPYCNGIQGIVEAYRSCLPQIKLYGQT
NFSPIIINHVARFAAAATQQQTASRYFVLLIITDGVITDLDETRQAINNASRLPMSIIVGVGGADFSAME
FLDGDGGSLSPLGEVAIRDIVQFVPFRQFQNPAPKEALACQVLAEIPQQVVG YFNTYKLLPPKNPA
TKQQKQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84.81

Interspecies Antigen Sequence

Mouse (93); Rat (92)

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 — CPNE3

Entrez GeneID	8895
GeneBank Accession#	BC036242
Protein Accession#	AAH36242
Gene Name	CPNE3
Gene Alias	CPN3, KIAA0636, PRO1071
Gene Description	copine III
Omim ID	604207
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 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. [provided by RefSeq]
Other Designations	-

Disease

- [Genetic Predisposition to Disease](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)