

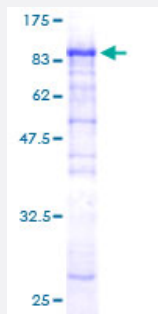
Full-Length

CPNE6 (Human) Recombinant Protein (P01)

Catalog # H00009362-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CPNE6 full-length ORF (AAH18046, 1 a.a. - 557 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSDPEMGWVPEPQTMTLGASRVELRVSCHGLLDRDTLTKPHPCVLLKLYSDEQWVEVERTEVL
RSCSSPVFSRVLALLEYFEEKQPVQFHVFDAEDGATSPRNDTFLGSTECTLGQVSQTKVTKPLL
LKNGKTAGKSTITVAEEVSGTNDYVQLTFRAYKLDNKDLFSKSDPFMEYKTNEDQSDQLVWRTE
VVKNNLNPSWEPFRLSLHSLCSCDVHRPLKFLVYDYDSSGKHDFIGEFTSTFQEMQEQTANPGQ
EMQWDCINPKYRDKKKNYKSSGTVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSS
QSLHCLSPRQPNHYLQALRAVGGICQDYDSKDRFPAFGFGARIPPNFVSHDFAINFDPENPECE
EISGVIASYRRLCPQIQLYGPTNVAPIINRVAEPAQREQSTGQATKYSVLLVLTGCVVSDMAETRTAI
VRASRLPMSIIVGVGNADFSDMRLLDGDDGPLRCPRGVPAAARDVQFVPRDFKDAAPSALAKC
VLAEVPRQVVEYYASQGISPGAPRPCTLATTPSPSP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87.01

Interspecies Antigen Sequence

Mouse (97)

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 — CPNE6

Entrez GeneID	9362
GeneBank Accession#	BC018046
Protein Accession#	AAH18046
Gene Name	CPNE6
Gene Alias	N-COPINE
Gene Description	copine VI (neuronal)
Omim ID	605688
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a brain-specific member of the copine family, which is composed of calcium-dependent membrane-binding proteins. The gene product contains two N-terminal C2 domains, and one von Willebrand factor A domain. It may have a role in synaptic plasticity. [provided by RefSeq]
Other Designations	OTTHUMP00000027965 copine 6 neuronal copine