

Product datasheet for **TP306428L**

CPNE7 (NM_153636) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human copine VII (CPNE7), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206428 protein sequence Red =Cloning site Green =Tags(s)

MSAGSERGAAATPGGLPAPCASKVELRLSCRHLLDRDPLTKSDPSVALLQQAQGQWVQVGRTEVVRSSLH
PVFSKVFTVDYYFEEVQRLRFEVYDTHGPSGFSCQEDDFLGGMECTLGQIVAQKKVTRPLLLKFGRNAGK
STITVIAEDISGNGYVELSFRARKLDDKDLFSKSDPFLELYRVNDDQGLQLVYRTEVWKNLNLPVWEAF
KVLSLCSCEETRPLKCLVWDYDSRGKHDFIGEFSTTFEEMQKAEEGQAQWDCVNPYKQKRRSYKNS
GVVLADLKFHRVYSFLDYIMGGCQIHFTVAIDFTASNGDPRNSCSLHYINPYQPNEYLKALVSVGEICQ
DYDSDKRFSALGFGARIPPKYEVSHDFAINFNPEDECEGIQGVVEAYQNCLPRVQLYGPTNVAPIISKV
ARVAAAEEESTGKASQYYILLITDGVVTDMA DTREAI VRASRLPMSIIIVGVGNADFTDMQVLDGDDGVL
RSPRGEPALRDIVQFVPFRELKNASPAALAKCVLAIEVPKQVVEYSHRGLPPRSLGVPAGEASPGCTP

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

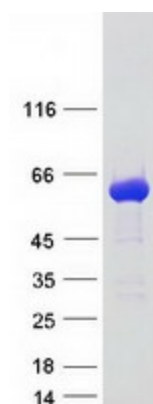
Tag:	C-Myc/DDK
Predicted MW:	61.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	In vivo treatment (PMID: 29525888)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_705900
Locus ID:	27132
UniProt ID:	Q9UBL6
RefSeq Size:	2449
Cytogenetics:	16q24.3
RefSeq ORF:	1674
Summary:	This gene encodes a 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. The encoded protein may be involved in membrane trafficking. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]

Product images:



Coomassie blue staining of purified CPNE7 protein (Cat# [TP306428]). The protein was produced from HEK293T cells transfected with CPNE7 cDNA clone (Cat# [RC206428]) using MegaTran 2.0 (Cat# [TT210002]).