

Recombinant Full Length Human CPNE7 Protein, GST-tagged

Cat. No. CPNE7-2104HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPNE7 full-length ORF (ADZ15445.1, 1 a.a. - 558 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	558 amino acids
Description	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]
Molecular Mass	61.4 kDa
AA Sequence	MSAGSERGAAATPGGLPAPCASKVELRLSCRHLLDRDPLTKSDPSVALLQQAQGGQ WVQVGRTEVVRSSLHPVFSKVFTVDYYFEEVQRLRFEVYDTHGPSGFSCQEDDFL GGMECTLGQIVAQKKVTRPLLLKFGRNAGKSTITVIAEDISGNNGYVELSFRARKLDD KDLFSKSDPFLELYRVNDDQGLQLVYRTEVVKNLNPVWEAFKVSLSLCSCEETR PLKCLVWDYDSRGKHDFIGEFSTTFEEMQKAEEGQAQWDCVNPKYKQKRRSYKN SGVVVLADLKFHRVYSFLDYIMGGCQIHFTVAIDFTASNGDPRNSCSLHYINPYQPNE YLKALVSVGEICQDYDSDKRFSALGFGARIPPKYEVSHDFAINFNPEDDECEGIQGV

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VEAYQNCLPRVQLYGPTNVAPIISKVARVAAAEESTGKASQYYILLITDGVVTDMA
 TREAIVRASRLPMSIIIVGVGNADFTDMQVLDGDDGVLRSRGPALRDIVQFVPFRE
 LKNASPAALAKCVLAEVVKQVVEYYSHRGLPPRSLGVPAGEASPGCTP

Applications

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

Notes

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

Storage

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

Storage Buffer

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

GENE INFORMATION
Gene Name

CPNE7 copine VII [Homo sapiens]

Official Symbol

CPNE7

Synonyms

CPNE7; copine VII; copine-7; copine 7; MGC34192

Gene ID

27132

mRNA Refseq

NM_014427

Protein Refseq

NP_055242

MIM

605689

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UniProt ID

Q9UBL6

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