Recombinant Human CPNE7 Protein, GST-tagged

Cat. No. CPNE7-1803H **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	Wheat Germ
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	MSAGSERGAAATPGGLPAPCASKVELRLSCRHLLDRDPLTKSDPSVALLQQAQGQ WVQVGRTEVVRSSLHPVFSKVFTVDYYFEEVQRLRFEVYDTHGPSGFSCQEDDFL GGMECTLGQIVAQKKVTRPLLLKFGRNAGKSTITVIAEDISGNNGYVELSFRARKLDD KDLFSKSDPFLELYRVNDDQGLQLVYRTEVVKNNLNPVWEAFKVSLSSLCSCEETR PLKCLVWDYDSRGKHDFIGEFSTTFEEMQKAFEEGQAQWDCVNPKYKQKRRSYKN SGVVVLADLKFHRVYSFLDYIMGGCQIHFTVAIDFTASNGDPRNSCSLHYINPYQPNE YLKALVSVGEICQDYDSDKRFSALGFGARIPPKYEVSHDFAINFNPEDDECEGIQGV VEAYQNCLPRVQLYGPTNVAPIISKVARVAAAEESTGKASQYYILLILTDGVVTDMAD

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	TREAIVRASRLPMSIIIVGVGNADFTDMQVLDGDDGVLRSPRGEPALRDIVQFVPFRE LKNASPAALAKCVLAEVPKQVVEYYSHRGLPPRSLGVPAGEASPGCTP
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
UniProt ID	Q9UBL6

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