Recombinant Human CPNE7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPNE7-2809H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPNE7 MS Standard C13 and N15-labeled recombinant protein (NP_705900) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	61.9 kDa
AA Sequence	MSAGSERGAAATPGGLPAPCASKVELRLSCRHLLDRDPLTKSDPSVALLQQAQGQ WVQVGRTEVVRSSLHPVFSKVFTVDYYFEEVQRLRFEVYDTHGPSGFSCQEDDFL GGMECTLGQIVAQKKVTRPLLLKFGRNAGKSTITVIAEDISGNNGYVELSFRARKLDD KDLFSKSDPFLELYRVNDDQGLQLVYRTEVVKNNLNPVWEAFKVSLSSLCSCEETR PLKCLVWDYDSRGKHDFIGEFSTTFEEMQKAFEEGQAQWDCVNPKYKQKRRSYKN SGVVVLADLKFHRVYSFLDYIMGGCQIHFTVAIDFTASNGDPRNSCSLHYINPYQPNE YLKALVSVGEICQDYDSDKRFSALGFGARIPPKYEVSHDFAINFNPEDDECEGIQGV VEAYQNCLPRVQLYGPTNVAPIISKVARVAAAEESTGKASQYYILLILTDGVVTDMAD

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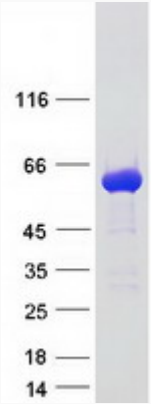
	TREAIVRASRLPMSIIIVGVGNADFTDMQVLDGDDGVLRSPRGEPALRDIVQFVPFRE LKNASPAALAKCVLAEVPKQVVEYYSHRGLPPRSLGVPAGEASPGCTPSGPTRTRP LEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CPNE7 copine VII [Homo sapiens (human)]
Official Symbol	CPNE7
Synonyms	CPNE7; copine VII; copine-7; copine 7; MGC34192;
Gene ID	27132
mRNA Refseq	NM_153636
Protein Refseq	NP_705900
MIM	605689

UniProt ID	Q9UBL6
SDS-PAGE	

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