Recombinant Human EPN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EPN2-3912H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EPN2 MS Standard C13 and N15-labeled recombinant protein (NP_055779) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein which interacts with clathrin and adaptor-related protein complex 2, alpha 1 subunit. The protein is found in a brain-derived clathrin-coated vesicle fraction and localizes to the peri-Golgi region and the cell periphery. The protein is thought to be involved in clathrin-mediated endocytosis. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms.
Molecular Mass	68.3 kDa
AA Sequence	MTTSSIRRQMKNIVNNYSEAEIKVREATSNDPWGPSSSLMTEIADLTYNVVAFSEIMS MVWKRLNDHGKNWRHVYKALTLLDYLIKTGSERVAQQCRENIFAIQTLKDFQYIDRD GKDQGINVREKSKQLVALLKDEERLKAERAQALKTKERMAQVATGMGSNQITFGRG SSQPNLSTSHSEQEYGKAGGSPASYHGSPEASLCPQHRTGAPLGQSEELQPLSQR HPFLPHLGLASRPNGDWSQPCLTCDRAARATSPRVSSELEQARPQTSGEEELQLQ LALAMSREVAEQEERLRRGDDLRLQMALEESRRDTVKIPKKKEHGSLPQQTTLLDL MDALPSSGPAAQKAEPWGPSASTNQTNPWGGPAAPASTSDPWPSFGTKPAASIDP WGVPTGATAQSVPKNSDPWAASQQPASSAGKRASDAWGAVSTTKPVSVSGSFEL

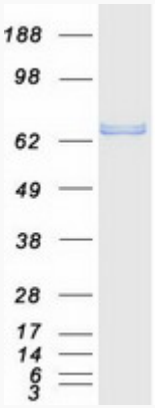
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	FSNLNGTIKDDFSEFDNLRTSKKTAESVTSLPSQNNGTTSPDPFESQPLTVASSKPS SARKTPESFLGPNAALVNLDSLVTRPAPPAQSLNPFLAPGAPATSAPVNPFQVNQP QPLTLNQLRGSPVLGTSTSFGPGPGVESMAVASMTSAAPQPALGATGSSLTPLGPA MMNMVGSVGIPPSAAQATGTTNPFLLSGPTRTRRLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% 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	EPN2 epsin 2 [Homo sapiens (human)]
Official Symbol	EPN2
Synonyms	EPN2; epsin 2; epsin-2; EHB21; Eps15 binding protein; KIAA1065; EPS-15-interacting protein 2;
Gene ID	22905
mRNA Refseq	NM_014964
Protein Refseq	NP_055779

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MIM	607263
UniProt ID	O95208
SDS-PAGE	

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