

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | EPN2 MS Standard C13 and N15-labeled recombinant protein (NP_055779) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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.                                                  |
| <b>Molecular Mass</b>   | 68.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MTTSSIRRMKNIVNNYSEAEIKVREATSNDPWGPSSSLMTEIADLTYNVVFSEIMS<br>MVWKRLNDHKGKNWRHVYKALTLLDYLIKTGSERVAQQCRENIFAIQTLKDFQYIDRD<br>GKDQGINVREKSKQLVALLKDEERLKAERAQALKTKERMAQVATGMGSNQITFGRG<br>SSQPNLSTSHSEQEYGKAGGSPASYHGSPEASLCPQHRTGAPLGQSEELQPLSQR<br>HPFLPHLGLASRPNGDWSQPCLTCDRAARATSPRVSSLEQARPQTSGEELQLQ<br>LALAMSREVAEQEERLRRGDDLRLQMALEESRRDVKIPKKKEHGSLLPQQTTLLDL<br>MDALPSSGPAAQKAEPWGPSASTNQTNPWGGPAAPASTSDPWPSFGTKPAASIDP<br>WGVPTGATAQSVPKNSDPWAASQQPASSAGKRASDAWGAVSTTKPVSVSGSFEL |

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FSNLNGTIKDDFSEFDNLRTSKKTAESVTSLSQNNGTTSPPDFESQPLTVASSKPS  
SARKTPESFLGPNAALVNLDLSLVTRPAPPAQSLNPFLAPGAPATSAPVNPFFQVNQP  
QPLTLNQLRGSPVLGTSTSFSGPGPGVESMAVASMTSAAPQPALGATGSSLTPLGPA  
MMNMVGSVGIPPSAAQATGTTNPFLSGPTRTRRLEQKLISEEDLAANDILDYKDDD  
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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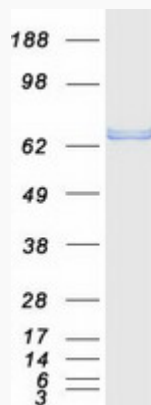
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MIM 607263

UniProt ID O95208

SDS-PAGE



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