

Recombinant Full Length Human EPN2 Protein, GST-tagged

Cat. No. EPN2-4393HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPN2 full-length ORF (BAG51000.1, 1 a.a. - 584 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	584 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	88.7 kDa
AA Sequence	MTTSSIRRQMKNIVNNYSEAEIKVREATSNDPWGPSSSLMTEIADLTYNVVFSEIMS MVWKRLNDHKGKNWRHVYKALTLLDYLIKTSERVAQQCRENIFAIQTLKDFQYIDRD GKDQGINVREKSKQLVALLKDEERLKAERAQALKTKERMAQVATGMGSNQITFGRG SSQPNLSTSHSEQEYGKAGGSPASYHGSTSPRVSSSELEQARPQTSGEEELQLQLAL AMSREVAEQEERLRRGDDLRLQMALEESRRDVTKIPKKKEHGSPLPQQTLLDLMDA LPSSGPAAQKAEPWGSPASTNQTNPWGGPAAPASTSDPWPSFGTKPAASIDPWG VPTGATAQSVPKNSDPWAASQQPASSAGKRASDAWGAVSTTKPVSVSGSFELFSN

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LNGTIKDDFSEFDNLRTSKKTAESVTSLSQNNGTTSPDPFESQPLTVASSKPSSAR
 KTPESFLGPNAALVNLDLSTVTRPAPPAQSLNPFLAPGAPATSAPVNPQVNPQPLT
 LNQLRGSPVLGTSTSFPGPGVSMASMTSAAQPALGATGSSLTPLGPAMMN
 MVGSGIPPSAAQATGTTNPFL

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 EPN2 epsin 2 [Homo sapiens]

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_001102664

Protein Refseq NP_001096134

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MIM	607263
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UniProt ID	O95208
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