

Full-Length

EPN2 (Human) Recombinant Protein (P01)

Catalog # H00022905-P01

Size 50 ug

Specification

Product Description	Human EPN2 full-length ORF (BAG51000.1, 1 a.a. - 584 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTTSSIRRQMKNVNNYSEAEIKVREATSNDPWGPSSSLMTEIADLTYNVVFSEIMSMVWKRLND HGKNWRHVYKALTLLDYLIKTSERVAQQCRENIFAIQTLKDFQYIDRDGKDQGINVREKSKQLVAL LKDEERLKAERAQALKTKERMAQVATGMGSNQITFGRGSSQPNLSTSHSEQEYKGAGGSPASYH GSTSPRVSSELEQARPQTSGEELQLQLALAMSREVAEQEERLRRGDDLRLQMALEESRRDTV KIPKKKEHGSLPQQTTLLDMDALPSSGPAAQKAEPWGSPASTNQTNPWGGPAAPASTSDPWP SFGTKPAASIDPWGVPTGATAQSVPKNSDPWAASQQPASSAGKRASDAWGAVSTTKPVSVSG SFELFSNLNGTIKDDFSEFDNLRTSKKTAESVTSLSQNNGTSTPDPFESQPLTVASSKPSSARK TPESFLGPNAALVNLDLSTVTRPAPPAQSLNPFLAPGAPATSAPVNPFFQVNPQPLTLNQLRGSP VLGTSTSFPGPGVESMAVASMTSAAPQPALGATGSSSLTLPGPAMNMVGSVGIPPSAAQATG TTNPFL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	88.7
Interspecies Antigen Sequence	Mouse (76); Rat (76)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EPN2

Entrez GeneID [22905](#)

GeneBank Accession# [AK001996.1](#)

Protein Accession# [BAG51000.1](#)

Gene Name EPN2

Gene Alias EHB21, KIAA1065

Gene Description epsin 2

Omim ID [607263](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations Eps15 binding protein|OTTHUMP00000065810|OTTHUMP00000065889

Pathway

- [Endocytosis](#)

Disease

- [Tobacco Use Disorder](#)