

# Recombinant Full Length Human EPN1 Protein, GST-tagged

**Cat. No.** EPN1-4391HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human EPN1 full-length ORF ( NP_037465.2, 1 a.a. - 550 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 550 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | This gene encodes a member of the epsin protein family. The encoded protein binds clathrin and is involved in the endocytosis of clathrin-coated vesicles. Loss of function of this gene is associated with reduced tumor growth and progression in certain cancer types. [provided by RefSeq, Mar 2016]                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 83.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MSTSSLRRQMKNIVHNYSEAEIKVREATSNDPWGPSSSLMSEIADLTYNVVFSEIM<br>SMIWKRLNDHGKNWRHVYKAMTLMEYLIKTGSERVSQQCKENMYAVQTLKDFQYV<br>DRDGKDQGVNVREKAKQLVALLRDEDRLREERAHALKTKEKLAQTATASSAAVGS<br>PPPEAEQAWPQSSGEEELQLQLALAMSKEEADQEERIRRGDDLRLQMAIEESKRET<br>GGKEESSLMDLADVFTAPAPAPTTDPWGGPAPMAAAVPTAAPTSDPWGGPPVPPA<br>ADPWGGPAPTPASGDPWRPAAPAGPSVDPWGGTPAPAAGEGPTDPWGSSDGG<br>VPVSGPSASDPWTPAPAFSDPWGGSPAKPSTNGTTAGGFDTEPDEFSDFDRLRTA<br>LPTSGSSAGELELLAGEVPARSPGAFDMSGVRGSLAEAVGSPPPAATPTPTPPTRK<br>TPESFLGPNAALVDLDSLVSRLPGPTPPGAKASNPFLPGGGPATGPSVTNPFQPAPP |

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ATLTLNQLRLSPVPPVPGAPPTYISPLGGGGLPPMMPPGPPAPNTNPFL

### 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

[EPN1 epsin 1 \[ Homo sapiens \]](#)

### Official Symbol

[EPN1](#)

### Synonyms

EPN1; epsin 1; epsin-1; EPS-15-interacting protein 1; EH domain-binding mitotic phosphoprotein;

### Gene ID

[29924](#)

### mRNA Refseq

[NM\\_001130071](#)

### Protein Refseq

[NP\\_001123543](#)

### MIM

[607262](#)

### UniProt ID

[Q9Y6I3](#)

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