

## Recombinant Human EPN1 Protein (Pro279-Gly437), His tagged

**Cat. No.** EPN1-2731H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human EPN1 (Pro279-Gly437) protein fused with His tag was expressed in E. coli.                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | Pro279-Gly437                                                                                                                                                                                                                                 |
| <b>Description</b>      | Binds to membranes enriched in phosphatidylinositol 4, 5-bisphosphate (PtdIns (4, 5) P2). Modifies membrane curvature and facilitates the formation of clathrin-coated invaginations (By similarity). Regulates receptor-mediated endocytosis |
| <b>Molecular Mass</b>   | 17.62 kDa                                                                                                                                                                                                                                     |
| <b>Purity</b>           | >90 % as determined by SDS-PAGE.                                                                                                                                                                                                              |
| <b>Notes</b>            | For research use only.                                                                                                                                                                                                                        |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.                                                       |
| <b>Storage Buffer</b>   | Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.                                                                                                                                                                       |

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**Reconstitution** Reconstitute in sterile water for a stock solution.

**Shipping** In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

**Gene Name** EPN1 epsin 1 [ Homo sapiens (human) ]

**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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