

## Recombinant Human EPN3 protein, GST-tagged

**Cat. No.** EPN3-1203H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EPN3 protein(1-187 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-187 aa                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | MTTSALRRQVKNIHNYSEAEIKVREATSNDPWGPPSSLMSEIADLTFNTVAFTEVM<br>GMLWRRLNDSGKNWRHVYKALTLLDYLLKTGSERVAHQCRENLYTIQTLKDFQYID<br>RDGKDQGVNVREKVKQVMALLKDEERLRQERTHALKTKERMALEGIGISGQLGFS<br>RRYGEDYSRSGSPSSYN                                                                                                                                                                                         |
| <b>Purity</b>           | 85%, by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                                                        |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|           |                               |
|-----------|-------------------------------|
| Gene Name | EPN3 epsin 3 [ Homo sapiens ] |
|-----------|-------------------------------|

|                 |      |
|-----------------|------|
| Official Symbol | EPN3 |
|-----------------|------|

|          |                                                                            |
|----------|----------------------------------------------------------------------------|
| Synonyms | EPN3; epsin 3; epsin-3; FLJ20778; MGC129899; EPS-15-interacting protein 3; |
|----------|----------------------------------------------------------------------------|

|             |           |
|-------------|-----------|
| mRNA Refseq | NM_017957 |
|-------------|-----------|

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| Protein Refseq | NP_060427 |
|----------------|-----------|

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| MIM | 607264 |
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| UniProt ID | Q9H201 |
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|         |       |
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| Gene ID | 55040 |
|---------|-------|

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**SDS-PAGE**

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