

## Recombinant Mouse Eps8l2 Protein, Myc/DDK-tagged

**Cat. No.** Eps8l2-2848M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length EPS8-like 2 (Eps8l2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                    |
| <b>Description</b>      | Stimulates guanine exchange activity of SOS1. May play a role in membrane ruffling and remodeling of the actin cytoskeleton. In the cochlea, is required for stereocilia maintenance in adult hair cells. |
| <b>Molecular Mass</b>   | 82.2 kDa                                                                                                                                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                               |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                             |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                            |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                          |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                     |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Eps8l2 EPS8-like 2 [ Mus musculus (house mouse) ]</a>                                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b> | <a href="#">Eps8l2</a>                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | EPS8L2; EPS8-like 2; epidermal growth factor receptor kinase substrate 8-like protein 2; EPS8-like protein 2; EPS8 related protein 2; EPS8-related protein 2; epidermal growth factor receptor pathway substrate 8-like protein 2; epidermal growth factor receptor pathway substrate 8-related protein 2; Eps8r2; AI042819; AW545405 |
| <b>Gene ID</b>         | <a href="#">98845</a>                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | <a href="#">NM_133191</a>                                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | <a href="#">NP_573454</a>                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | <a href="#">Q99K30</a>                                                                                                                                                                                                                                                                                                                |

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