

# Recombinant Mouse EphA3 protein, His&GST-tagged

**Cat. No.** EphA3-2212M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse EphA3 protein(EDK98238.1)(Gly569-Val984), fused with His&GST tag, was expressed in Insect Cells.                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                             |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Gly569-Val984                                                                                                                                                                                                                                     |
| <b>Form</b>             | Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0.                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant mouse EPHA3/GST chimera consists of 653 amino acids and has a calculated molecular mass of 74.3 kDa. The recombinant protein migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.                      |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                    |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                     |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Epha3 Eph receptor A3 [ Mus musculus ]                                                                                                                                                              |
| Official Symbol | EphA3                                                                                                                                                                                               |
| Synonyms        | EPHA3; Eph receptor A3; ephrin type-A receptor 3; EK4; EPH-like kinase 4; tyrosine-protein kinase TYRO4; tyrosine-protein kinase receptor ETK1; Hek; Cek4; ETK1; End3; Hek4; Mek4; Tyro4; AW492086; |
| Gene ID         | 13837                                                                                                                                                                                               |
| mRNA Refseq     | NM_010140                                                                                                                                                                                           |
| Protein Refseq  | NP_034270                                                                                                                                                                                           |

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