

## Recombinant Mouse Ephb1 protein(Met591-Ala984), His&GST-tagged

**Cat. No.** Ephb1-911M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse EPHB1 (Q8CBF3-1)(Met 591-Ala 984) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.                                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                 |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 591-984 a.a.                                                                                                                                                                                                                          |
| <b>Form</b>             | Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly                                                                                                                                                                            |
| <b>Bio-activity</b>     | The specific activity was determined to be 234 nmol/min/mg using Poly(Glu, Tyr) 4:1 as substrate.                                                                                                                                     |
| <b>Molecular Mass</b>   | The secreted recombinant mouse EPHB1/GST chimera consists of 631 amino acids and has a calculated molecular mass of 72.4 kDa. The recombinant protein migrates as an approximately 60 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>           | > 80 % 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. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein                                                            |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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.

**GENE INFORMATION**

**Gene Name** Ephb1 Eph receptor B1 [ Mus musculus ]

**Official Symbol** Ephb1

**Synonyms** EPHB1; Eph receptor B1; Elk;

**Gene ID** 13843

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