

## Active Recombinant Mouse Efnb3 Protein, Fc Chimera

**Cat. No.** Efnb3-957M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Efnb3 (Accession # O35393), fused with , was produced in Mouse myeloma cell line, NS0-derived.                                                                              |
| <b>Species</b>              | Mouse                                                                                                                                                                                         |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                               |
| <b>Predicted N Terminal</b> | Leu28                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                            |
| <b>Bio-activity</b>         | Measured by its binding ability in a functional ELISA. When Recombinant Mouse Ephrin-B3 Fc Chimera is coated at 2 µg/mL, Recombinant Mouse EphB3 Fc Chimera binds with an apparent KD <1 nM.  |
| <b>Molecular Mass</b>       | Recombinant Mouse Efnb3, Fc Chimera has a calculated MW of 49.2 kDa (monomer). In SDS-PAGE migrates as 58-61 kDa, reducing conditions.                                                        |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                   |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                 |                                                                           |
|-----------------|---------------------------------------------------------------------------|
| Gene Name       | Efnb3 ephrin B3 [ Mus musculus ]                                          |
| Official Symbol | Efnb3                                                                     |
| Synonyms        | EFNB3; ephrin B3; ephrin-B3; Epl8; EFL-6; ELF-3; Elk-L3; LERK-8; NLERK-2; |
| Gene ID         | 13643                                                                     |
| mRNA Refseq     | NM_007911                                                                 |
| Protein Refseq  | NP_031937                                                                 |
| MIM             |                                                                           |

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