

# Active Recombinant Mouse Efna5 Protein, Fc Chimera

**Cat. No.** Efna5-880M    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Efna5 (Accession # NP_997537), 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> | No results obtained: Gln21 predicted, sequencing might be blocked                                                                                                                             |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                            |
| <b>Bio-activity</b>         | Measured by its ability to inhibit proliferation of PC-3 human prostate cancer cells.The ED50 for this effect is typically 2.5-10 ng/mL.                                                      |
| <b>Molecular Mass</b>       | Recombinant Mouse Efna5, Fc Chimera has a calculated MW of 48.4 kDa (monomer). In SDS-PAGE migrates as 57-60 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). |
| <b>Reconstitution</b>       | Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.                                                                                              |

 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 INFORMATION

|                 |                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Efna5 ephrin A5 [ Mus musculus ]                                                                                                  |
| Official Symbol | Efna5                                                                                                                             |
| Synonyms        | EFNA5; ephrin A5; ephrin-A5; EPH-related receptor tyrosine kinase ligand 7; AL-1; Epl7; RAGS; EFL-5; LERK-7; AV158822; Ephrin-A5; |
| Gene ID         | 13640                                                                                                                             |
| mRNA Refseq     | NM_010109                                                                                                                         |
| Protein Refseq  | NP_034239                                                                                                                         |
| MIM             |                                                                                                                                   |

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