

Active Recombinant Mouse Efna1 protein(Met1-Ser182), hFc-tagged

Cat. No. Efna1-3264M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EFNA1 (NP_034237.3)(Met 1-Ser 182) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser182
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse EphA2 at 2 µg/ml (100 µl/well) can bind mouse EphrinA1 with a linear range of 0.16-20 ng/ml.
Molecular Mass	The secreted recombinant mouse EFNA1/Fc is a disulfide-linked homodimeric protein. The reduced monomer comprises 405 amino acids and has a predicted molecular mass of 46.4 kDa. As a result of glycosylation, the apparent molecular mass of rm EFNA1/Fc monomer is approximately 53 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE

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Storage 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 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 [Efna1 ephrin A1 \[Mus musculus \]](#)

Official Symbol [Efna1](#)

Synonyms EFNA1; ephrin A1; ephrin-A1; immediate early response protein B61; EPH-related receptor tyrosine kinase ligand 1; B61; Efl1; Epl1; Eplg1; Lerk1; AI325262;

Gene ID [13636](#)

mRNA Refseq [NM_001162425](#)

Protein Refseq [NP_001155897](#)

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