

Active Recombinant Mouse Efna5 protein, hFc-tagged

Cat. No. Efna5-4059M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Efna5 protein(O08543-1)(Met1-Asn203), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn203
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. 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 EPHA4 at 2 µg/ml (100 µl/well) can bind mouse EFNA5-Fc with a linear range of 1.28-32 ng/ml.
Molecular Mass	The recombinant mouse EFNA5/Fc is a disulfide-linked homodimer. The reduced monomer consists of 424 amino acids and has a predicted molecular mass of 48.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEFNA5/Fc monomer is approximately 52 kDa due to glycosylation.
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 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

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