

## Active Recombinant Mouse Efna4 protein, His-tagged

Cat. No. Efna4-4057M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Efna4 protein(NP_031936.2)(Met1-Gly176), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly176
<b>Form</b>	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. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured by its ability to compete mouse EFNA4 for binding to immobilized mouse EPHA7 in a functional ELISA.
<b>Molecular Mass</b>	The recombinant mouse EFNA4 consists of 162 amino acids and has a predicted molecular mass of 18.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEFNA4 is approximately 27 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % 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** [Efna4 ephrin A4 \[ Mus musculus \]](#)

**Official Symbol** [Efna4](#)

**Synonyms** EFNA4; ephrin A4; ephrin-A4; EPH-related receptor tyrosine kinase ligand 4; Epl4; EFL-4; LERK-4;

**Gene ID** [13639](#)

**mRNA Refseq** [NM\\_007910](#)

**Protein Refseq** [NP\\_031936](#)

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