

## Active Recombinant Rat Efnb3 protein, His-tagged

**Cat. No.** Efnb3-8717R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Efnb3 protein(G3V7D4)(Met1-Ser224), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ser224
<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 binding ability in a functional ELISA.Immobilized rat EFNB3-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse EphB3-His, The EC50 of biotinylated mouse EphB3-His is 17.4-40.6 ng/ml.
<b>Molecular Mass</b>	The recombinant rat EFNB3 comprises 208 amino acids and predicts a molecular mass of 23.1 kDa. The apparent molecular mass of the recombinant protein is approximately 32 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE

 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

**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** Efnb3 ephrin B3 [ Rattus norvegicus ]

**Official Symbol** Efnb3

**Synonyms** EFNB3; ephrin B3; ephrin ligand B3; ELK-L3; RGD1565678;

**Gene ID** 360546

**mRNA Refseq** NM\_001100980

**Protein Refseq** NP\_001094450

 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