

Recombinant Mouse EphB1 protein(Met1-Leu539), His-tagged

Cat. No. Ephb1-910M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EPHB1 (Q8CBF3-1) (Met 1-Leu 539) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-539 a.a.
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	Immobilized mouse EPHB1-His at 10 µg/ml (100 µl/well) can bind mouse EFNB1-Fc, The EC50 of mouse EFNB1-Fc is 0.04-0.08 µg/ml.
Molecular Mass	The secreted recombinant mouse EPHB1 consists of 533 amino acids and has a predicted molecular mass of 59.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm EPHB1 is approximately 64 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE
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

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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 Ephb1 Eph receptor B1 [Mus musculus]

Official Symbol EphB1

Synonyms EPHB1; Eph receptor B1; Elk;

Gene ID 13843

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