

Active Recombinant Mouse EphA4 protein, hFc-tagged

Cat. No. Epha4-912M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EphA4 protein(NP_031962.2)(Met1-Thr547), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr547
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 EPHA5 at 2 µg/ml (100 µl/well) can bind mouse EFNA4-Fc with a linear range of 1.28-32 ng/ml.
Molecular Mass	The recombinant mouse EPHA4/Fc is a disulfide-linked homodimer. The reduced monomer consists of 768 amino acids and has a predicted molecular mass of 85.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEPA4/Fc monomer is approximately 110 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 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 EphA4 Eph receptor A4 [Mus musculus]

Official Symbol EphA4

Synonyms EPHA4; Eph receptor A4; ephrin type-A receptor 4; rabbit; snoRNA MBII-267; tyrosine-protein kinase receptor MPK-3; tyrosine-protein kinase receptor SEK-1; rb; Sek; Cek8; Hek8; Sek1; Tyro1; AI385584; 2900005C20Rik;

Gene ID 13838

mRNA Refseq NM_007936

Protein Refseq NP_031962

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