

Active Recombinant Mouse Epha3 protein(Met1-His541), His-tagged

Cat. No. Epha3-495M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EPHA3 (NP_034270.1) (Met1-His541) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-His541
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	1. Measured by its binding ability in a functional ELISA. 2. Immobilized mouse EPHA3-His at 10 µg/mL (100 µL/well) can bind mouse EFNA5-Fc. The EC50 of mouse EFNA5-Fc is 4.9-11.4ng/mL.
Molecular Mass	The recombinant mouse EPHA3 comprises 532 amino acids and has a predicted molecular mass of 60.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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 Epha3 Eph receptor A3 [Mus musculus]

Official Symbol Epha3

Synonyms

EPHA3; Eph receptor A3; ephrin type-A receptor 3; EK4; EPH-like kinase 4; tyrosine-protein kinase TYRO4; tyrosine-protein kinase receptor ETK1; Hek; Cek4; ETK1; End3; Hek4; Mek4; Tyro4; AW492086;

Gene ID 13837

mRNA Refseq NM_010140

Protein Refseq NP_034270

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