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37-1357: Mouse EphB4 / HTK Recombinant Protein (Fc Tag)(Discontinued)

Reactivity :	Mouse
Alternative Name :	AI042935 Protein, Mouse; Htk Protein, Mouse; MDK2 Protein, Mouse; Myk1 Protein, Mouse; Tyro11 Protein, Mouse

Description

Source : HEK293 Cells
Ephrin type-B receptor 4 is a protein that in humans is encoded by the EPHB4 gene. It is a single-pass type I membrane protein belonging to the ephrin receptor subfamily of protein kinase superfamily. Members of the ephrin and Eph family are local mediators of cell function through largely contact-dependent processes in development and in maturity. Furthermore, EphB4 protein and the corresponding ligand Ephrin-B2 contribute to tumor growth in various human tumors. EphB4 protein has tumor suppressor activities and that regulation of cell proliferation, extracellular matrix remodeling, and invasive potential are important mechanisms of tumor suppression. Therefore, Ephrin-B2/EphB4 may be recognized as a novel prognostic indicator for cancers.

Product Info

Amount :	Mouse EphB4 / HTK Recombinant Protein (Fc Tag)(Discontinued) / 200 µg
Purification :	> 97 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	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.
Amino Acid :	Met1-Ala539

Application Note

1. Measured by its binding ability in a functional ELISA. 2. Immobilized mouse EPHB2-His at 10 ÃÂµg/mL (100 ÃÂµL/well) can bind mouse EPHB4-Fc , The EC50 of mouse EPHB4-Fc is 15 ng/mL.
Endotoxin :< 1.0 EU per ÃÂµg of the protein as determined by the LAL method

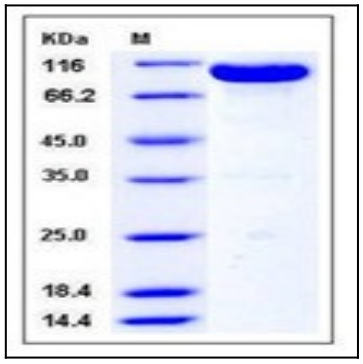


Fig 1: Mouse EphB4 / HTK Recombinant Protein (Fc Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.