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32-17501: Recombinant Human Ephrin A Receptor 4/EphA4 (C-6His)

Alternative Name : Ephrin type-A receptor 4,HEK8, SEK, TYRO1,EPHA4,Tyrosine-protein kinase receptor SEK,Tyrosine-protein kinase TYRO1,EK8,hEK8,EPH-like kinase 8

Description

Source : HEK 293 Cells;
Ephrin type-A receptor 4(EPHA4) belongs to the protein kinase superfamily and Ephrin receptor subfamily. EPHA4 contains 1 Eph LBD domain, 2 fibronectin type-III domains, 1 protein kinase domain and 1 SAM domain. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands.

Product Info

Amount :	50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization
Storage condition :	Store at -20°C to -70°C for 12 months in lyophilized state.
Amino Acid :	Recombinant Human Ephrin A receptor 4 is produced by our Mammalian expression system and the target gene encoding Val20-Thr547 is expressed with a 6His tag at the C-terminus.

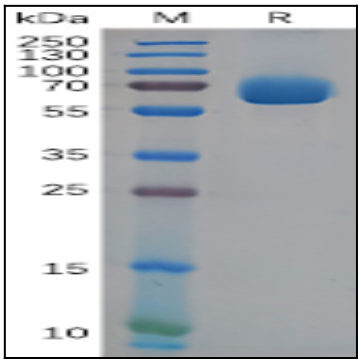


Fig 1: Human EPHA4 protein, His tag on SDS-PAGE under reducing condition.

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