Recombinant Human EphA4 (C-Fc)
Catalog No: CJ75

Description	Recombinant Human Ephrin Type A receptor 4 is produced by our Mammalian expression system and the target gene encoding Val20-Thr547 is expressed with a Fc tag at the C-terminus.
Source	Human Cells
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
Accession No.	P54764
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
	It is not recommended to reconstitute to a concentration less than 100µg/ml.
	Dissolve the lyophilized protein in distilled water.
	Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Background	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.

SDS-PAGE