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Datasheet for ABIN7318103
EPH Receptor A4 Protein (EPHA4)

Overview

Quantity:	50 µg
Target:	EPH Receptor A4 (EPHA4)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human EphA4 Protein
Sequence:	Val20-Thr547
Characteristics:	Recombinant Human Ephrin type-A receptor 4 is produced by our Mammalian expression system and the target gene encoding Val20-Thr547 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	EPH Receptor A4 (EPHA4)
Alternative Name:	EphA4 (EPHA4 Products)
Background:	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

Target Details

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.

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

Molecular Weight: 59.2 kDa

UniProt: [P54764](#)

Pathways: [RTK Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.