

PRODUCT INFORMATION

EPHA4 **Target**

Synonyms EK8;HEK8;SEK;TYRO1

Recombinant human EPHA4 protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** P54764 **Expression Host HEK293**

Tag C-6×His Tag

Molecular Characterization

Background

EPHA4(Val20-Thr547) 6×His tag

The protein has a predicted molecular mass of **Molecular Weight**

59.2 kDa after removal of the signal peptide. The apparent molecular mass of EPHA4-His is

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan

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Usage Research use only Conjugate Unconjugated



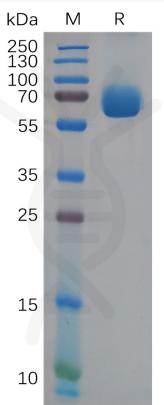


Figure 1. Human EPHA4 Protein, His Tag on SDS-PAGE under reducing condition.

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