

PRODUCT INFORMATION

EPHB3 **Target**

Synonyms EK2; ETK2; HEK2; TYRO6

Recombinant human EPHB3 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** P54753 **Expression Host HEK293** Tag C-6×His tag

Molecular

EPHB3(Leu38-Pro558) 6×His tag Characterization

The protein has a predicted molecular mass of

57.8 kDa after removal of the signal peptide. The apparent molecular mass of EPHB3-His is **Molecular Weight**

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.

Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins

are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into two groups based on the similarity of their **Background**

extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. This gene encodes a receptor for ephrin-B family members. [provided by RefSeq, Mar 2010]

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Usage Research use only

Conjugate Unconjugated



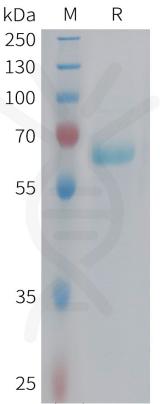


Figure 1. Human EPHB3 Protein, His Tag on SDS-PAGE under reducing condition.

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