

PRODUCT INFORMATION

| | |
|---|--|
| Target | EPHB3 |
| Synonyms | EK2; ETK2; HEK2; TYRO6 |
| Description | Recombinant human EPHB3 Protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | P54753 |
| Expression Host | HEK293 |
| Tag | C-6×His tag |
| Molecular Characterization | EPHB3(Leu38-Pro558) 6×His tag |
| Molecular Weight | 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 approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | 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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | 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 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] |
| Usage | Research use only |
| Conjugate | Unconjugated |



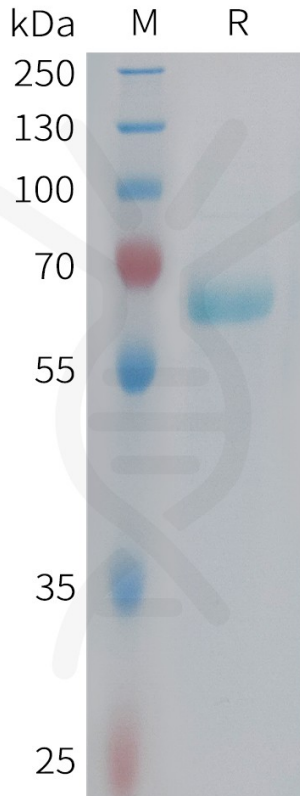


Figure 1. Human EPHB3 Protein, His Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

