

32-18427: Human EPHB3 Protein, His Tag

Uniprot ID : P54753

Alternative Name : EK2; ETK2; HEK2; TYRO6

Description

Description : Recombinant human EPHB3 Protein with C-terminal 6xHis tag

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.

Molecular Characterization: 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.

Tag : C-6xHis tag

Product Info

Amount : 50 µg / 100 µg

Purification : The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.

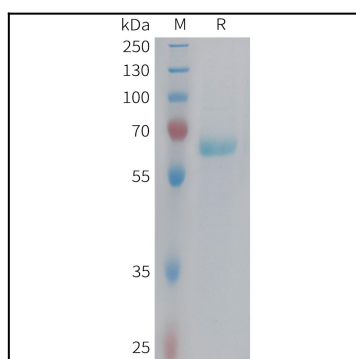


Figure 1. Human EPHB3 Protein, His Tag on SDS-PAGE under reducing condition.