

## 32-18581: Human EPHA3(436-541) Protein, hFc Tag

**Gene :** EPHA3  
**Uniprot ID :** P29320  
**Alternative Name :** EK4; ETK; HEK; ETK1; HEK4; TYRO4, Recombinant human EPHA3(436-541) Protein with C-terminal human Fc tag

### Description

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. This gene encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008]

**Molecular Weight :** The protein has a predicted molecular mass of 38.1 kDa after removal of the signal peptide. The apparent molecular mass of EPHA3(436-541)-hFc is approximately 35-55 kDa due to glycosylation.

**Tag :** C-Human Fc tag

### Product Info

**Amount :** 50µg / 10µg  
**Purification :** The purity of the protein is greater than 95% 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. Please see Certificate of Analysis for specific instructions of reconstitution.  
**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.

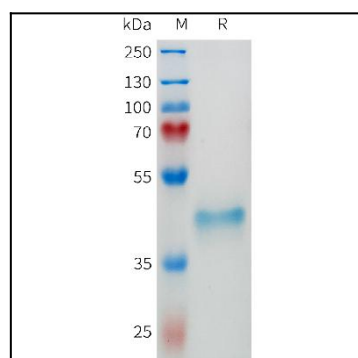


Figure 1. Human EPHA3(436-541) Protein, hFc Tag on SDS-PAGE under reducing condition.