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32-17042: Recombinant human EPHA3 protein with C-terminal mouse Fc and 6Ã—His tag

Alternative Name : TYRO4, HEK4, ETK1, ETK, EK4, HEK

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 85.9 kDa after removal of the signal peptide.
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.

Product Info

Amount :	50 µg
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.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

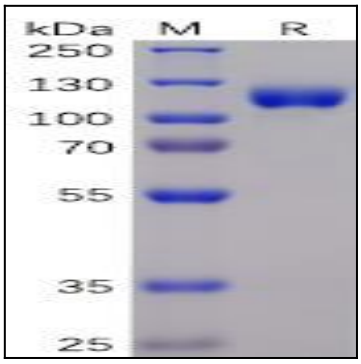

Figure 1. Human EPHA3 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

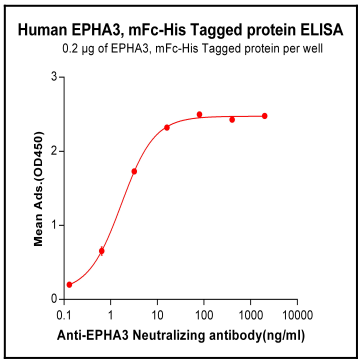

Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human EPHA3, mFc-His tagged protein can bind Anti-EPHA3 Neutralizing antibody in a linear range of 0.13-16.0 ng/ml.