

32-17141: Recombinant Human EPHA2 Protein with C-terminal 6xHis tag

Alternative Name : ARCC2, CTPA, CTPP1, CTRCT6, ECK

Description

Expression Host : HEK293

The protein has a predicted molecular mass of 57.0 kDa after removal of the signal peptide. The apparent molecular mass of EPHA2-His is approximately 55-70 kDa due to glycosylation.

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. Mutations in this gene are the cause of certain genetically-related cataract disorders.

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)

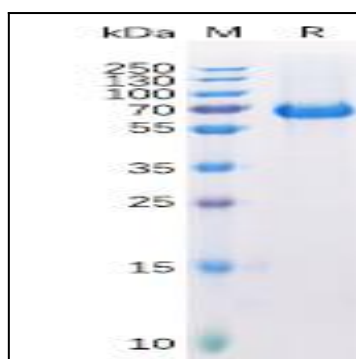


Figure 1. Human EPHA2 Protein, His Tag on SDS-PAGE under reducing condition.