

PRODUCT INFORMATION

EPHA2 **Target**

ARCC2;CTPA;CTPP1;CTRCT6;ECK **Synonyms**

Recombinant Human EPHA2 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** P29317 **Expression Host HEK293** Tag C-6×His Tag

Molecular EPHA2 (Ala24-Asn534) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight**

57.0 kDa after removal of the signal peptide. The apparent molecular mass of EPHA2-His is

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

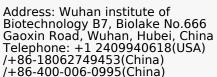
This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular 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.[provided by RefSeq, May 2010]

> Email: info@dimabio.com Website: www.dimabio.com

Usage Research use only Conjugate Unconjugated



Background





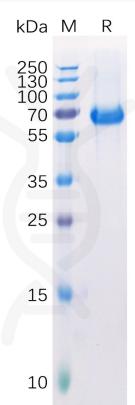


Figure 1. Human EPHA2 Protein, His Tag on SDS-PAGE under reducing condition.

Human EPHA2, His tagged protein ELISA

 $0.1~\mu g$ of Human EPHA2, His tagged protein per well

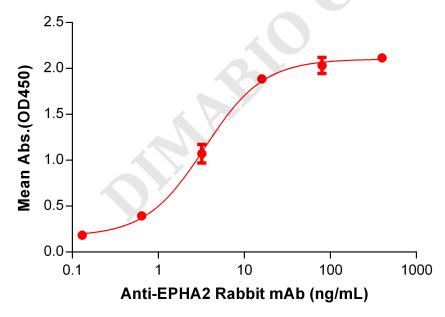


Figure 2. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Human EPHA2 protein, His Tag (PME100238) can bind Anti-EPHA2 Rabbit mAb in a linear range of 0.128-16 ng/mL.

Email: info@dimabio.com Website: www.dimabio.com

