9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3755: EPHA2 Recombinant Protein

Alternative Name :	EPHA2,EPH Receptor A2,ECK,Tyrosine-Protein Kinase Receptor ECK,EC 2.7.10.1,CTRCT6,ARCC2,CTPP1,CTPA,Epithelial Cell Receptor Protein Tyrosine Kinase,Ephrin Type-A Receptor 2,Soluble EPHA2 Variant 1,Epithelial Cell Kinase,EC 2.7.10,EphA2.

Description

Source : HEK 293. EPHA2 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Ala24-Glu530) containing a total of 515 amino acids, having a calculated molecular mass of 56.9kDa. The EPHA2 protein is fused to a 2 aa C-terminal linker and a 6 aa C-terminal His tag. EPH Receptor A2 (EPHA2) is a member of the ephrin receptor subfamily of the protein-tyrosine kinase family. EPHA2 is a protein which binds ephrin-A ligands. EPH and EPH-related receptors are associated with mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily normally 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 two groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. EPHA2 gene mutations are the cause of certain genetically-related cataract disorders.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	EPHA2 was filtered (0.4µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline and 5% (w/v) trehalose.
Storage condition :	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.