

Recombinant Full Length Human EPHA2 Protein

Cat. No. EPHA2-152HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Eph receptor A2 with N terminal proprietary tag; Predicted MWt 135.30 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	976 amino acids
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. Mutations in this gene are the cause of certain genetically-related cataract disorders.
Form	Liquid
Molecular Mass	135.300kDa inclusive of tags
Purity	Proprietary Purification

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name EPHA2 EPH receptor A2 [Homo sapiens]

Official Symbol EPHA2

Synonyms EPHA2; EPH receptor A2; ECK, EphA2; ephrin type-A receptor 2

Gene ID 1969

mRNA Refseq NM_004431

Protein Refseq NP_004422

MIM 176946

UniProt ID P29317

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