

Active Recombinant Human EPHA2 protein, His-tagged

Cat. No. EPHA2-2619H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EphA2/ECK Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln25-Asn534) of human EphA2 (Accession #NP_004422.2) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Gln25-Asn534
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human EphA2 at 1 µg/mL (100 µL/well) can bind Human EFNA1 with a linear range of 0.098-4.084 ng/mL.
Molecular Mass	70 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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; soluble EPHA2 variant 1; tyrosine-protein kinase receptor ECK; epithelial cell receptor protein tyrosine kinase; ECK; CTPA; ARCC2; CTPP1;

Gene ID 1969

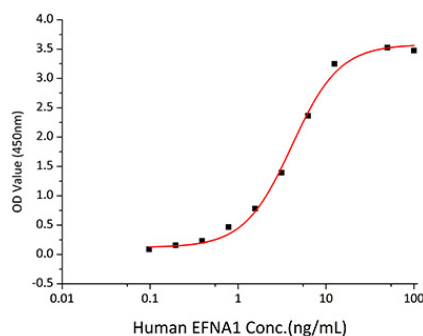
mRNA Refseq NM_004431

Protein Refseq NP_004422

MIM 176946

UniProt ID P29317

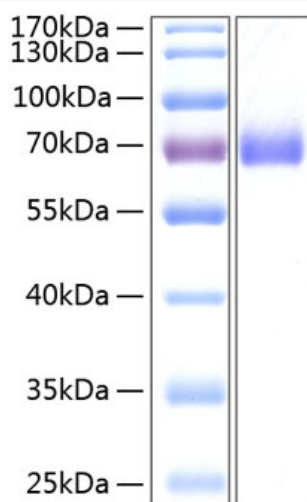
Bio-activity



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SDS-PAGE

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