

Active Recombinant Human EphA2 protein, His-tagged

Cat. No. EPHA2-2027H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EphA2 protein(P29317) (Met1-Asn534) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-534 aa
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, pH 7.5.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human EPHA2-His at 10 µg/ml (100 µl/well) can bind human EFNA1-Fch, The EC50 of human EFNA1-Fch is 0.1-0.2 µg/ml.
Molecular Mass	The recombinant human EPHA2 consists of 522 amino acids and predicts a molecular mass of 57.6 KDa. It migrates as an approximately 65-75 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

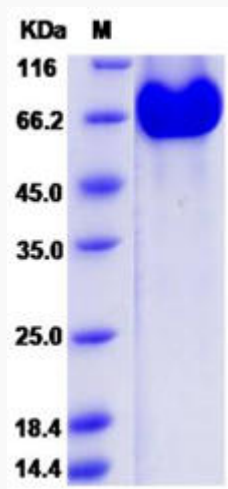
UniProt ID [P29317](#)

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SDS-PAGE



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