

# Active Recombinant Human EPHA2 protein, His-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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. |
| <b>Species</b>          | Human                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Gln25-Asn534                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                       |
| <b>Bio-activity</b>     | 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.                                                             |
| <b>Molecular Mass</b>   | 70 kDa                                                                                                                                                                                                                             |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                                          |
| <b>Purity</b>           | > 97% by SDS-PAGE.                                                                                                                                                                                                                 |
| <b>Storage</b>          | Store the lyophilized protein at -20°C to -80 °C for long term.<br>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

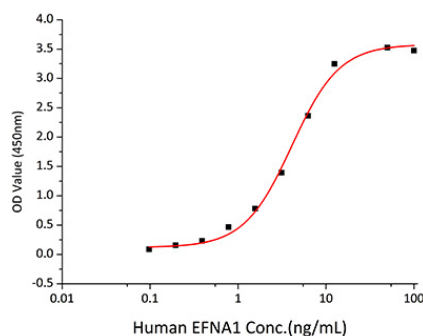
**mRNA Refseq** NM\_004431

**Protein Refseq** NP\_004422

**MIM** 176946

**UniProt ID** P29317

## Bio-activity

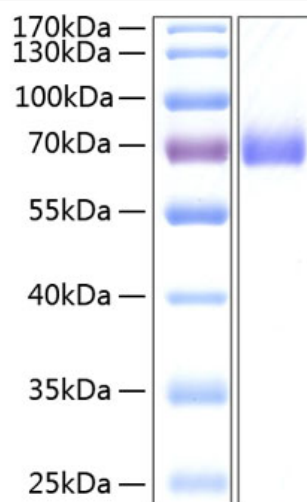


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## SDS-PAGE



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