

Active Recombinant Human EPHA4 protein, His&hFc-tagged

Cat. No. EPHA4-942H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPHA4 protein(NP_031962.2)(Met 1-Thr 547) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-547 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human EPHA5 at 20 µg/ml (100 µl/well) can bind human EFNA4-Fc with a linear ranger of 1.28-32 ng/ml.
Molecular Mass	The recombinant human EPHA4/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 776 amino acids and predicts a molecular mass of 86.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh EPHA4/Fc monomer is approximately 100-110 kDa due to high levels of glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE

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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-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 [EPHA4 EPH receptor A4 \[Homo sapiens \]](#)

Official Symbol [EPHA4](#)

Synonyms EPHA4; EPH receptor A4; EphA4, TYRO1; ephrin type-A receptor 4; Hek8; EK8; EPH-like kinase 8; TYRO1 protein tyrosine kinase; tyrosine-protein kinase TYRO1; tyrosine-protein kinase receptor SEK; receptor protein-tyrosine kinase HEK8; SEK; HEK8; TYRO1;

Gene ID [2043](#)

mRNA Refseq [NM_004438](#)

Protein Refseq [NP_004429](#)

MIM [602188](#)

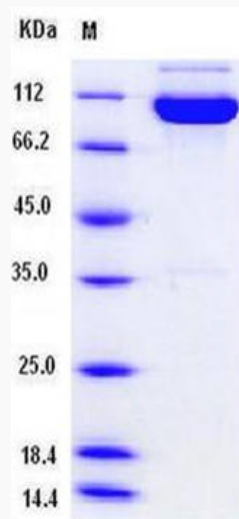
UniProt ID [P54764](#)

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SDS-PAGE



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