

Active Recombinant Human EPHA3 protein, His-tagged

Cat. No. EPHA3-8547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPHA3 protein(Met1-Gln541) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-541 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human EPHA3-His at 10 µg/ml (100 µl/well) can bind human EphrinA5-Fc, The EC50 of human EphrinA5-Fc is 6.2-14.6 ng/ml.
Molecular Mass	The recombinant human EPHA3 consists of 532 amino acids and predicts a molecular mass of 60.3 KDa. It migrates as an approximately 65-70 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 [EPHA3 EPH receptor A3 \[Homo sapiens \]](#)

Official Symbol [EPHA3](#)

Synonyms

EPHA3; EPH receptor A3; EphA3, ETK, ETK1, TYRO4; ephrin type-A receptor 3; HEK; HEK4; EPH-like kinase 4; human embryo kinase 1; eph-like tyrosine kinase 1; TYRO4 protein tyrosine kinase; tyrosine-protein kinase receptor ETK1; EK4; ETK; ETK1; TYRO4;

Gene ID [2042](#)

mRNA Refseq [NM_005233](#)

Protein Refseq [NP_005224](#)

MIM [179611](#)

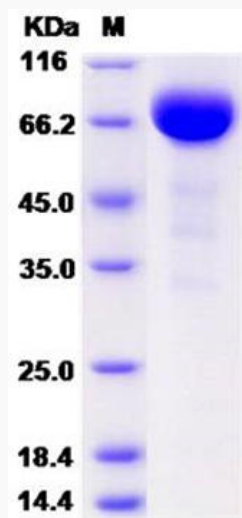
UniProt ID [P29320](#)

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SDS-PAGE



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