

Active Recombinant Human EPHA5 protein, His-tagged

Cat. No. EPHA5-365H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA5 protein(P54756-1)(Pro 25 - Pro 573) is expressed from HEK293.
Species	Human
Source	HEK293
ProteinLength	Pro 25 - Pro 573
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Human Ephrin-A3, Fc Tag captured on CM5 chip via Anti-human IgG Fc antibodies surface can bind Human EphA5, His Tag with an affinity constant of 0.576 µM as determined in a SPR assay.
Molecular Mass	The protein has a calculated MW of 62.7 kDa. The protein migrates as 70-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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Please avoid repeated freeze-thaw cycles.
 This product is stable after storage at:
 -20°C to -70°C for 12 months in lyophilized state;
 -70°C for 3 months under sterile conditions after reconstitution.

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 [EPHA5 EPH receptor A5 \[Homo sapiens \]](#)

Official Symbol [EPHA5](#)

Synonyms EPHA5; EPH receptor A5; EphA5; ephrin type-A receptor 5; CEK7; EHK1; Hek7; TYRO4; EK7; EHK-1; EPH-like kinase 7; EPH homology kinase 1; Eph homology kinase-1; brain-specific kinase; receptor protein-tyrosine kinase HEK7; tyrosine-protein kinase receptor EHK-1; HEK7

Gene ID [2044](#)

mRNA Refseq [NM_004439](#)

Protein Refseq [NP_004430](#)

MIM [600004](#)

UniProt ID [P54756](#)

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