

Active Recombinant Human EPHA7 protein, His-tagged

Cat. No. EPHA7-3228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPHA7 protein(NP_004431.1)(Met 1-Ile 556) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-556 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human EphA7 at 2 µg/ml (100 µl/well) can bind mouse EphrinA4 with a linear range of 0.08-10 ng/ml.
Molecular Mass	The recombinant human EPHA7 consists of 540 amino acids and has a predicted molecular mass of 60.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh EPHA7 is approximately 70-80 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % 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-thaw cycles.

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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 [EPHA7 EPH receptor A7 \[Homo sapiens \]](#)

Official Symbol [EPHA7](#)

Synonyms

EPHA7; EPH receptor A7; EphA7; ephrin type-A receptor 7; Hek11; EK11; EHK-3; EPH-like kinase 11; EPH homology kinase 3; Eph homology kinase-3; receptor protein-tyrosine kinase HEK11; tyrosine-protein kinase receptor EHK-3; EHK3; HEK11;

Gene ID [2045](#)

mRNA Refseq [NM_004440](#)

Protein Refseq [NP_004431](#)

MIM [602190](#)

UniProt ID [Q15375](#)

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