

## Active Recombinant Human EPHA1, Fc Chimera

Cat. No. EPHA1-163H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EPHA1 (Accession # AAA36747)(Met1-Glu547) was produced in Human embryonic kidney cell, HEK293-derived.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Glu547
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized human EFNA1-His at 10 µg/ml (100 µl /well) can bind human EPHA1-Fc, The EC50 of human EPHA1-Fc is 10-30 ng/ml.
<b>Molecular Mass</b>	The recombinant human EPHA1 consists 760 amino acids and predicts a molecular mass of 83.3 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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** [EPHA1 EPH receptor A1 \[ Homo sapiens \]](#)

**Official Symbol** [EPHA1](#)

**Synonyms** EPHA1; EPH receptor A1; EphA1 , EPHT, EPHT1; ephrin type-A receptor 1; EPH; hEpha1; oncogene EPH; eph tyrosine kinase 1; soluble EPHA1 variant 1; soluble EPHA1 variant 2; tyrosine-protein kinase receptor EPH; erythropoietin-producing hepatoma receptor; erythropoietin-producing hepatoma amplified sequence; EPHT; EPHT1; MGC163163;

**Gene ID** [2041](#)

**mRNA Refseq** [NM\\_005232](#)

**Protein Refseq** [NP\\_005223](#)

**MIM** [179610](#)

**UniProt ID** [P21709](#)

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