

Recombinant Human EPHA10 protein, His & T7-tagged

Cat. No. EPHA10-1136H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA10 aa. (Val645~Leu900 (Accession # Q5JZY3) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val645~Leu900
Description	Ephrin receptors, the largest subfamily of receptor tyrosine kinases (RTKs), and their ephrin ligands are important mediators of cell-cell communication regulating cell attachment, shape, and mobility in neuronal and epithelial cells (Aasheim et al., 2005 [PubMed 15777695]). See MIM 179610 for additional background on Eph receptors and ephrins.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

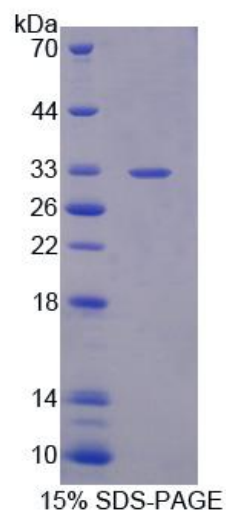
Gene Name	EPHA10 EPH receptor A10 [Homo sapiens (human)]
Official Symbol	EPHA10
Synonyms	EPHA10; EPH receptor A10; ephrin type-A receptor 10; EphA10s protein
Gene ID	284656
mRNA Refseq	NM_001099439.1
Protein Refseq	NP_001092909.1
UniProt ID	Q5JZY3

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SDS-PAGE



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