

Active Recombinant Human EphA10 protein, His-tagged

Cat. No. EphA10-1316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EphA10 protein(Pro 27 - Pro 564), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Pro27-Pro564
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human EphA10, His Tag at 5 µg/mL (100 µL/well) can bind Human Ephrin-A3, Fc Tag with a linear range of 0.1-2 ng/mL. Immobilized Human Ephrin-A3, Fc Tag at 5 µg/mL (100 µL/well) can bind Human EphA10, His Tag with a linear range of 0.005-0.313 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 60.2 kDa. The protein migrates as 65-75 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after 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 EPHA10 EPH receptor A10 [Homo sapiens]

Official Symbol EphA10

Synonyms EPHA10; EPH receptor A10; ephrin type-A receptor 10; FLJ16103; FLJ33655; EphA10s protein; MGC43817;

Gene ID 284656

mRNA Refseq NM_001099439

Protein Refseq NP_001092909

MIM 611123

UniProt ID Q5JZY3

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