

Active Recombinant Human EFNA4 protein, hFc-tagged, Low Endotoxin

Cat. No. EFNA4-177H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EFNA4 protein(P52798-1)(Leu26-Gly171), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-171 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human EphA7, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human Ephrin-A4, hFc Tag with the EC50 of 2.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 43.1 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name EFNA4 ephrin-A4 [Homo sapiens]

Official Symbol EFNA4

Synonyms EFNA4; ephrin-A4; EPLG4; LERK4; LERK-4; ligand of eph-related kinase 4; eph-related receptor tyrosine kinase ligand 4; EFL4; FLJ57652; MGC125826;

Gene ID 1945

mRNA Refseq NM_005227

Protein Refseq NP_005218

MIM 601380

UniProt ID P52798

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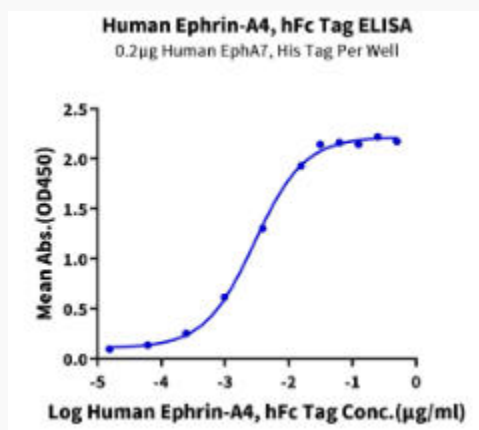
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Bis-Tris PAGE



ELISA Data



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