

Recombinant Human EFNA4 protein, hFc-tagged

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	Leu26-Gly171
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% 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 3.5ng/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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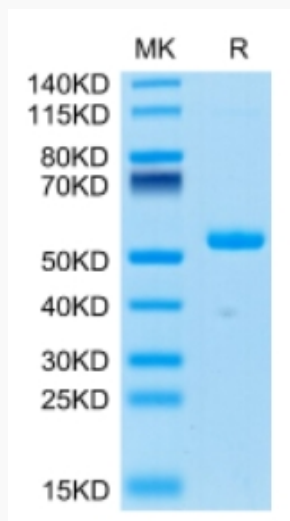
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled 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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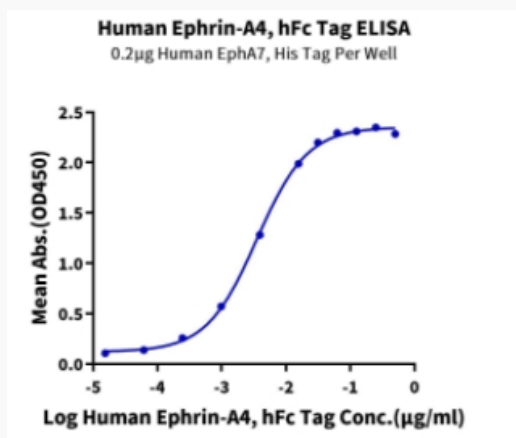
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Tris-Bis PAGE



ELISA Data



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