

Recombinant Human APLN protein, hFc-tagged

Cat. No. APLN-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APLN protein(Q9ULZ1)(Gly23-Phe77), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly23-Phe77
Tag	C-hFc
Form	Supplied as 0.22µm filtered solution in PBS, 200mM Arginine (pH 7.4).
Bio-activity	Immobilized Human APLN, hFc Tag at 1ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-APLN Antibody, hFc Tag with the EC50 of 42.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 32.9 kDa. Due to glycosylation, the protein migrates to 35-40 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
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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	APLN apelin [Homo sapiens]
Official Symbol	APLN
Synonyms	APLN; apelin; apelin, AGTRL1 ligand; XNPEP2; AGTRL1 ligand; APJ endogenous ligand; APEL;
Gene ID	8862
mRNA Refseq	NM_017413
Protein Refseq	NP_059109
MIM	300297
UniProt ID	Q9ULZ1

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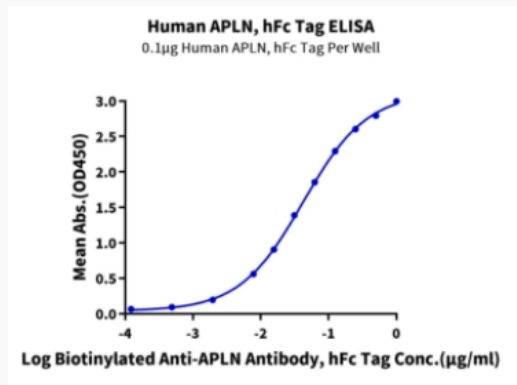
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Tris-Bis PAGE



ELISA Data



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