

Active Recombinant Human APLNR Full Length Transmembrane protein(VLP)

Cat. No. APLNR-2041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APLNR Full Length Transmembrane protein(VLP)(P35414)(Met1-Asp380) is expressed from HEK293.
Species	Human
Source	HEK293
ProteinLength	1-380 aa
Form	Supplied as 0.22µm filtered solution in PBS, 200mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human APLNR VLP at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-APLNR Antibody, hFc Tag with the EC50 of 0.20µg/ml determined by ELISA.
Molecular Mass	The target protein has a predicted MW of 46.7 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Concentration 0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [APLNR apelin receptor \[Homo sapiens \]](#)

Official Symbol [APLNR](#)

Synonyms APLNR; apelin receptor; AGTRL1, angiotensin II receptor like 1; APJ; APJ (apelin) receptor; APJR; FLJ90771; APJ receptor; HG11 orphan receptor; angiotensin receptor-like 1; G protein-coupled receptor APJ; G-protein coupled receptor APJ; angiotensin II receptor-like 1; G-protein coupled receptor HG11; HG11; AGTRL1; FLJ96609; MGC45246;

Gene ID [187](#)

mRNA Refseq [NM_005161](#)

Protein Refseq [NP_005152](#)

MIM [600052](#)

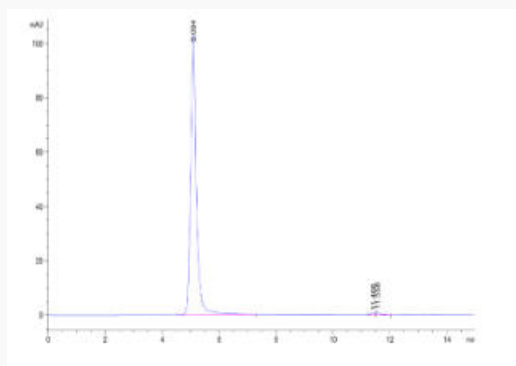
UniProt ID [P35414](#)

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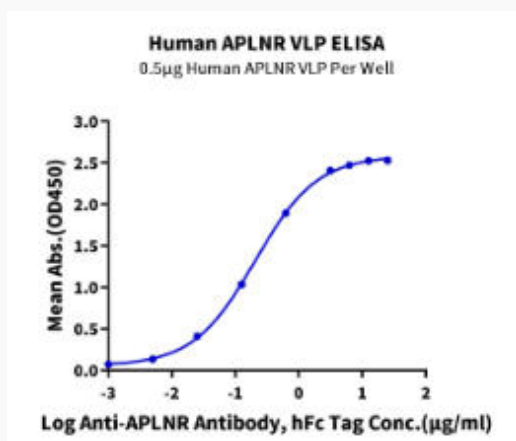
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SEC-HPLC



ELISA Data



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