

## **PRODUCT INFORMATION**

**APLNR Target** 

**Synonyms** APJ; APJR; HG11; AGTRL1

Recombinant human APLNR Protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** P35414 **Expression Host HEK293** 

Tag C-Human Fc tag

Molecular

**Background** 

APLNR(Met1-Ser26) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

29.2 kDa after removal of the signal peptide. The apparent molecular mass of APLNR-hFc is **Molecular Weight** 

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the G protein-coupled receptor gene family. The encoded protein is related to the angiotensin receptor, but is actually an apelin receptor that inhibits adenylate cyclase activity and plays a counterregulatory role against the pressure action of angiotensin II by exerting hypertensive effect. It

functions in the cardiovascular and central nervous systems, in glucose metabolism, in embryonic and tumor angiogenesis and as a

human immunodeficiency virus (HIV-1) coreceptor. Two transcript variants resulting from

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alternative splicing have been identified.

[provided by RefSeq, Jul 2009]

**Usage** Research use only Conjugate Unconjugated





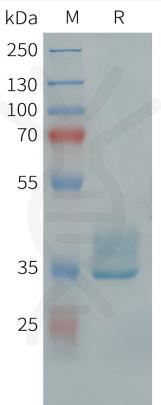


Figure 1. Human APLNR Protein, hFc Tag on SDS-PAGE under reducing condition.



