PRODUCT INFORMATION

Target	APLNR
Synonyms	APJ; APJR; HG11; AGTRL1
Description	Recombinant human APLNR Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P35414
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	APLNR(Met1-Ser26) hFc(Glu99-Ala330)
Molecular Weight	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 approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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 counter-regulatory 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 alternative splicing have been identified. [provided by RefSeq, Jul 2009]
Usage	Research use only
Conjugate	Unconjugated

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Human APLNR Protein, hFc Tag

Cat. No. PME101471

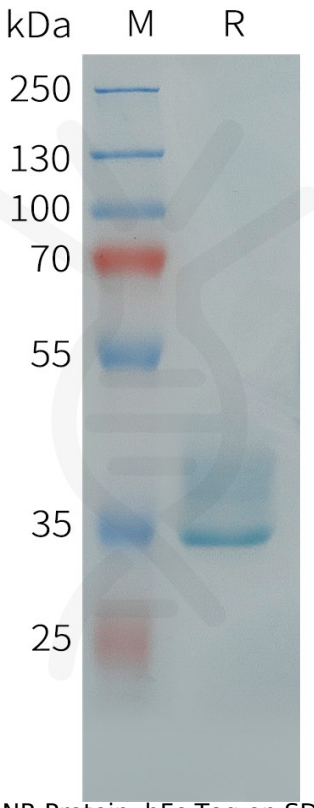


Figure 1. Human APLNR Protein, hFc Tag on SDS-PAGE under reducing condition.

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