

PRODUCT INFORMATION

Target	AVPR1A
Synonyms	V1aR; AVPR1; AVPR V1a
Description	Recombinant human AVPR1A Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P37288
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	AVPR1A(Met1-Lys52) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 31.5 kDa after removal of the signal peptide.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1B, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor mediates cell contraction and proliferation, platelet aggregation, release of coagulation factor and glycogenolysis. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated



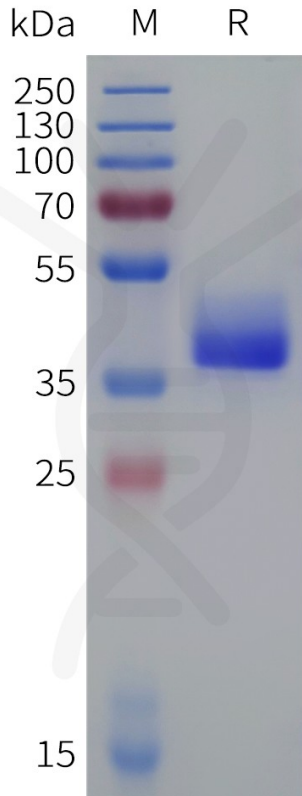


Figure 1. Human AVPR1A Protein, hFc Tag on SDS-PAGE under reducing condition.

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