

PRODUCT INFORMATION

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|---|---|
| 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. |
| 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 |



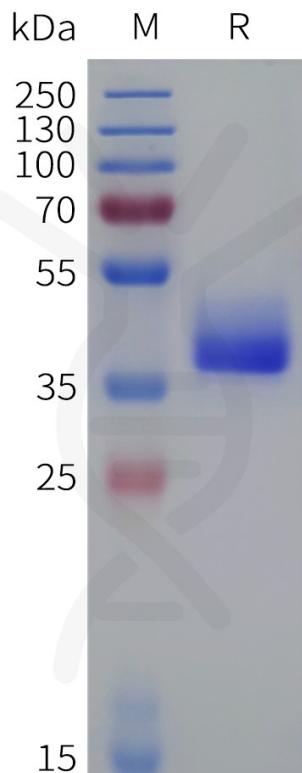


Figure 1. Human AVPR1A Protein, hFc Tag on SDS-PAGE under reducing condition.

