

PRODUCT INFORMATION

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|---|---|
| Target | ADRB1 |
| Synonyms | RHR; B1AR; FNSS2; ADRB1R; BETA1AR |
| Description | Recombinant human ADRB1 Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P08588 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | ADRB1(Met1-Gln55) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 31.3 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 adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Beta-1 adrenoceptors are predominately located in the heart. Specific polymorphisms in this gene have been shown to affect the resting heart rate and can be involved in heart failure. [provided by RefSeq, Sep 2019] |
| Usage | Research use only |
| Conjugate | Unconjugated |



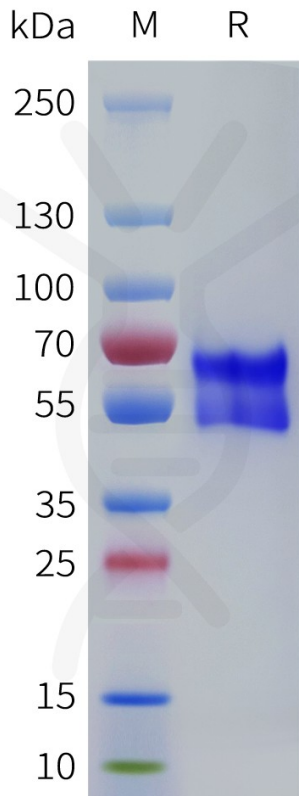


Figure 1. Human ADRB1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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