PRODUCT INFORMATION

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.
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

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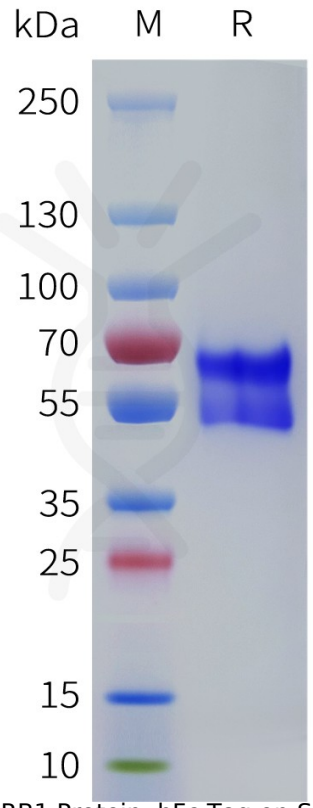


Figure 1. Human ADRB1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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