

PRODUCT INFORMATION

Target	ADRB3
Synonyms	BETA3AR
Description	Recombinant human ADRB3 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P13945
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	ADRB3(Met1-Glu36) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 30.0 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 belongs to the family of beta adrenergic receptors, which mediate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and thermogenesis. Obesity and bodyweight-related disorders are correlated with certain polymorphisms in three subtypes of beta-adrenoceptor, among them, the ADRB3 gene.[provided by RefSeq, Oct 2019]
Usage	Research use only
Conjugate	Unconjugated



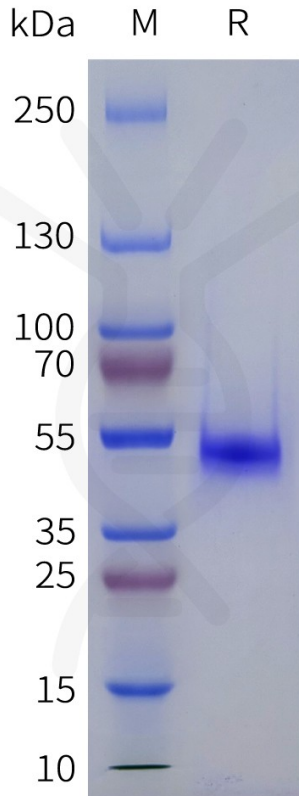


Figure 1. Human ADRB3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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