

PRODUCT INFORMATION

Target ADRB3 **Synonyms** BETA3AR

Recombinant human ADRB3 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P13945 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Purity

Background

ADRB3(Met1-Glu36) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 30.0 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

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

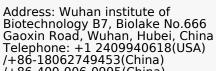
lipolysis and thermogenesis. Obesity and bodyweight-related disorders are correlated with certain polymorphisms in three subtypes of beta-

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adrenoceptor, among them, the ADRB3 gene [provided by RefSeq, Oct 2019]

Research use only **Usage**

Conjugate Unconjugated



/+86-400-006-0995(China)





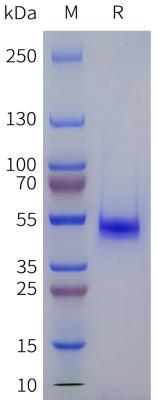


Figure 1. Human ADRB3 Protein, hFc Tag on SDS-PAGE under reducing condition.



