

PRODUCT INFORMATION

MC4R **Target Synonyms** BMIQ20

Recombinant human MC4R Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P32245 **HEK293 Expression Host**

Tag C-Human Fc tag

Molecular

Storage & Shipping

Background

MC4R(Met1-Gln43) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

31.0 kDa after removal of the signal peptide. The apparent molecular mass of MC4R-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

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

for specific instructions.

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.

The protein encoded by this gene is a membrane-bound receptor and member of the melanocortin receptor family. The encoded protein interacts with adrenocorticotropic and MSH hormones and

is mediated by G proteins. This is an introlless gene. Defects in this gene are a cause of autosomal dominant obesity. [provided by

RefSeq, Jan 2010]

Usage Research use only Conjugate Unconjugated



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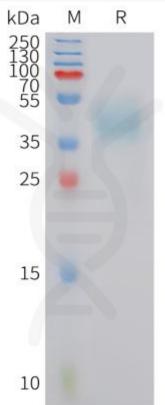


Figure 1. Human MC4R Protein, hFc Tag on SDS-PAGE under reducing condition.

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