PRODUCT INFORMATION

Target	MC4R
Synonyms	BMIQ20
Description	Recombinant human MC4R Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P32245
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	MC4R(Met1-Gln43) hFc(Glu99-Ala330)
Molecular Weight	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 approximately 35-55 kDa due to glycosylation.
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.
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 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 intronless 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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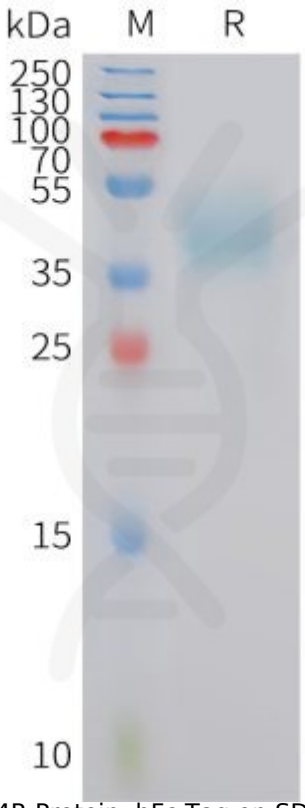


Figure 1. Human MC4R Protein, hFc Tag on SDS-PAGE under reducing condition.

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