PRODUCT INFORMATION

Target	MC3R
Synonyms	MC3; OB20; OQTL; BMIQ9; MC3-R
Description	Recombinant human MC3R Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P41968
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	MC3R(Met1-Gln37) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 30.1 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	This gene encodes a G-protein-coupled receptor for melanocyte-stimulating hormone and adrenocorticotropic hormone that is expressed in tissues other than the adrenal cortex and melanocytes. This gene maps to the same region as the locus for benign neonatal epilepsy. Mice deficient for this gene have increased fat mass despite decreased food intake, suggesting a role for this gene product in the regulation of energy homeostasis. Mutations in this gene are associated with a susceptibility to obesity in humans. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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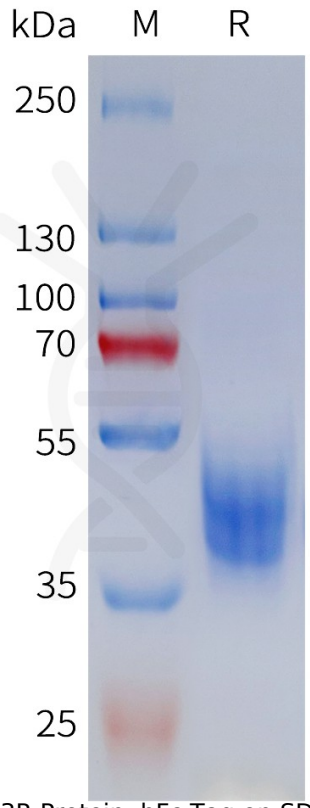


Figure 1. Human MC3R Protein, hFc Tag on SDS-PAGE under reducing condition.

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