

Human MC4R Full-Length Bioactive Membrane Protein

HDFP103



Product Information

Product SKU:

HDFP103

Size:

10µg

Molecular Weight:

The human full length MC4R protein has a MW of 36.8 kDa

Expression System:

HEK293

Uniprot:

P32245

Target:

MC4R

Antibody Information

Background:

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

Description:

Human MC4R full length protein-synthetic nanodisc

Protein Family:

Druggable Genome, GPCR, Transmembrane

Protein Pathways:

Neuroactive ligand-receptor interaction

Synonyms:

BMIQ20

Storage:

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.

Usage:

Research use only

Form:

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

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