

Recombinant Human NPY protein, His-tagged

Cat. No. NPY-4717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MC4R protein(Met1-Gln43)(P32245), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln43
Tag	C-hFc
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Molecular Mass	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.
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.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MC4R melanocortin 4 receptor [Homo sapiens]
Official Symbol	MC4R
Synonyms	MC4R; melanocortin 4 receptor; melanocortin receptor 4
Gene ID	4160
mRNA Refseq	NM_005912
Protein Refseq	NP_005903
MIM	155541
UniProt ID	P32245

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SDS-PAGE

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