

MC4 Receptor Blocking Peptide
Catalog # PBV10448b**Specification**

MC4 Receptor Blocking Peptide - Product Information

Primary Accession	P56450
Other Accession	NP_058673
Gene ID	17202
Calculated MW	36959

MC4 Receptor Blocking Peptide - Additional Information**Gene ID** 17202**Application & Usage**

The peptide is used for blocking the antibody activity of MC4 Receptor. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Melanocortin receptor 4, MC4-R, Mc4r

Target/Specificity

MC4 Receptor

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

MC4 Receptor Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

MC4 Receptor Blocking Peptide - Protein Information**Name** Mc4r**Function**

Receptor specific to the heptapeptide core common to adrenocorticotrophic hormone and alpha-, beta-, and gamma-MSH. Plays a central role in energy homeostasis and somatic growth. This receptor is mediated by G proteins that stimulate adenylate cyclase (cAMP).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P32245}; Multi-pass membrane protein

MC4 Receptor Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MC4 Receptor Blocking Peptide - Images