

(DANRE) mc4r Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21404a

Specification

**(DANRE) mc4r Blocking Peptide (N-Term) -
Product Information**

Primary Accession [B0V1P1](#)

**(DANRE) mc4r Blocking Peptide (N-Term) -
Additional Information**

Gene ID 286833

Other Names

Melanocortin receptor 4, MC4-R, mc4r

Target/Specificity

The synthetic peptide sequence is selected from aa 25-37 of HUMAN mc4r

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**(DANRE) mc4r Blocking Peptide (N-Term) -
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).

**(DANRE) mc4r Blocking Peptide (N-Term) -
Background**

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**(DANRE) mc4r Blocking Peptide (N-Term) -
References**

Ringholm A., et al. J. Neurochem. 82:6-18(2002).
Logan D.W., et al. Genomics 81:184-191(2003).
Howe K., et al. Nature 496:498-503(2013).
Sebag J.A., et al. Science 341:278-281(2013).

Cellular Location

Cell membrane; Multi-pass membrane protein.

(DANRE) mc4r Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)