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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MC3R (Human) Recombinant Protein (P01)

Catalog Number: H00004159-P01

Regulation Status: For research use only (RUO)

Product Description: Human MC3R full-length ORF (NP_063941.2, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSIQKTYLEGDFVFPVSSSSFLRTLLEPQLGSALLTAM
NASCCLPVQPTLPNGSEHLQAPFFSNQSSSAFCEQV
FIKPEVFLSLGIVSLEENILVILAVVRNGLHSPMYFFLC
SLAVADMLVSVSNALETIMIAIVHSDYLTQFIQHMD
NIFDSMICISLVASICNLLAIAVDRYVTIFYALRYHSIMTV
RKALTLIVAIWVCCGVCVGFVIVYSESKMVIVCLITMFF
AMMLLMGTLVHMFLFARLHVKRIAALPPADGVAPQQ
HSCMKGAVTITILLGVFICWAPFFLHLVLIITCPTNPYCI
CYTAHFNTYLVLIMCNSVIDPLIYAFRSLELRNTFREILC
GCNGMNLG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 66.5

Interspecies Antigen Sequence: Mouse (89); Rat (91)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4159

Gene Symbol: MC3R

Gene Alias: BMIQ9, MC3, MC3-R

Gene Summary: This gene encodes a G-protein-coupled receptor for melanocyte-stimulating hormone and adrenocorticotrophic 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]