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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

MC2R (Human) Recombinant Protein (P01)

Catalog Number: H00004158-P01

Regulation Status: For research use only (RUO)

Product Description: Human MC2R full-length ORF (NP_000520.1, 1 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKHIINSYENINNTARNNSDCPRVVLPEEIFFTISIVGVL
ENLIVLLAVFKNKNLQAPMYFFICSLAISDMLGSLYKILE
NILIILRNMGYLKPRGSFETTADDIISLFLVLSLLGSIFSL
SVIAADRYITIFHALRYHSIVTMRRTVVVLTVIWTFCTGT
GITMVIFSHHVPTVITFTSLFPLMLLVFILCLYVHMFLAR
SHTRKISTLPRANMKGAITLTILLGVFIFCWAPFVLHVLL
MTFCPSNPYCACYMSLFQVNGMLIMCNAVIDPFIYAFR
SPELRDAFKKMIFCSRYW

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.3

Interspecies Antigen Sequence: Mouse (89); Rat (90)

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: 4158

Gene Symbol: MC2R

Gene Alias: ACTHR, MGC125798

Gene Summary: MC2R encodes one member of the five-member G-protein associated melanocortin receptor family. Melanocortins (melanocyte-stimulating hormones and adrenocorticotrophic hormone) are peptides derived from pro-opiomelanocortin (POMC). MC2R is selectively activated by adrenocorticotrophic hormone, whereas the other four melanocortin receptors recognize a variety of melanocortin ligands. Mutations in MC2R can result in familial glucocorticoid deficiency. [provided by RefSeq]