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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

ADRB2 (Human) Recombinant Protein (P01)

Catalog Number: H00000154-P01

Regulation Status: For research use only (RUO)

Product Description: Human ADRB2 full-length ORF (NP_000015.1, 1 a.a. - 413 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGQPGNGSAFLLAPNRSHAPDHDVTQQRDEVWVVG
MGIVMSLIVLAIVFGNVLVITAIKFERLQVTNYFITSLA
CADLVMGLAVVPFGAAHILMKMWTFGNFWCEFWTSI
DVLCVTASIELCVIAVDRYFAITSPFKYQSLLTKNKAR
VIILMVWIVSGLTSFLPIQMHWYRATHQEAINCYANETC
CDFFTNQAYAIASSIVSFYVPLVIMVFVYSRVFQEAKRQ
LQKIDKSEGRFHVQNLQVEQDGRGTGHGLRRSSKFCL
KEHKALKTLGIIMGTFTLCWLPFFIVNIVHVIQDNLIRKE
VYILLNWIGYVNSGFNPLIYCRSPDFRIAFQELLCLRRS
SLKAYGNGYSSNGNTGEQSGYHVEQEKENKLLCEDL
PGTEDFVGHQGTVPSDNIDSQGRNCSTNDSLL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 73

Interspecies Antigen Sequence: Mouse (87); Rat (87)

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: 154

Gene Symbol: ADRB2

Gene Alias: ADRB2R, ADRBR, B2AR, BAR, BETA2AR

Gene Summary: This gene encodes beta-2-adrenergic receptor which is a member of the G protein-coupled receptor superfamily. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. This receptor-channel complex also contains a G protein, an adenylyl cyclase, cAMP-dependent kinase, and the counterbalancing phosphatase, PP2A. The assembly of the signaling complex provides a mechanism that ensures specific and rapid signaling by this G protein-coupled receptor. This gene is intronless. Different polymorphic forms, point mutations, and/or downregulation of this gene are associated with nocturnal asthma, obesity and type 2 diabetes. [provided by RefSeq]