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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

AGTR2 (Human) Recombinant Protein (P01)

Catalog Number: H00000186-P01

Regulation Status: For research use only (RUO)

Product Description: Human AGTR2 full-length ORF (NP_000677.2, 1 a.a. - 363 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKGNSTLATTSKNITSGLHFLVNIISGNNESTLNCSQK
PSDKHLDAIPILYYIIFVIGFLVNIIVVTLFCCQKGPCKVS
SIYIFNLAVADLLLLATLPLWATYYSYRYDWLFGPVMC
KVFGSFLTLNMFASIFFITCMSVDYQSVIYPFLSQRRN
PWQASYIVPLVWCMACLSLPTFYFRDVRTIEYLGVNA
CIMAFPPEKYAQWSAGIALMKNILGFIIPLIFIATCYFGIR
KHLKNTSYGKNRITRDQVLKMAAAVVLAFIICWLPFHV
LTFDLALAWMGVINSCEVIAVIDLALPFAILLGFTNSCVN
PFLYCFVGNRFQQLRSVFRVPITWLQGKRESMSCRK
SSSLREMETFVS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 67.6

Interspecies Antigen Sequence: Mouse (92); Rat (92)

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: 186

Gene Symbol: AGTR2

Gene Alias: AT2, ATGR2, MRX88

Gene Summary: Angiotensin II is a potent pressor hormone and a primary regulator of aldosterone secretion. It is an important effector controlling blood pressure and volume in the cardiovascular system. It acts through at least two types of receptors termed AT1 and AT2. AGTR2 belongs to a family 1 of G-protein coupled receptors. It is an integral membrane protein. It plays a role in the central nervous system and cardiovascular functions that are mediated by the renin-angiotensin system. This receptor mediates programmed cell death (apoptosis). In adults, it is highly expressed in myometrium with lower levels in adrenal gland and fallopian tube. It is highly expressed in fetal kidney and intestine. The human AGTR2 gene is composed of three exons and spans at least 5 kb. Exons 1 and 2 encode for 5' untranslated mRNA sequence and exon 3 harbors the entire uninterrupted open reading frame. [provided by RefSeq]