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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

P2RX1 (Human) Recombinant Protein (P01)

Catalog Number: H00005023-P01

Regulation Status: For research use only (RUO)

Product Description: Human P2RX1 full-length ORF (AAH44657, 1 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MARRFQEELAAFLFEYDTPRMVLRNKKVGVIFRLIQL
VVLVYVIGWVFLYEKGYQTSSGLISSVSVKLGAVTQ
LPGLGPQVWDVADYVFPAQGDNSFVVMTNFIVTPKQT
QGYCAEHPEGGICKEDSGCTPGKAKRKAQGIRTGKC
VAFNDTVKTCEIFGWCPVEVDDDDIPRPALLREAENFTL
FIKNSISFPRFKVNRRLVVEEVNAAHMKTCLEFHKTLHP
LCPVFQLGYVVQESGQNFSTLAEKGGVVGITIDWHCD
LDWHVRHCRPIYEFHGLYEEKNLSPGFNFRFARHFVE
NGTNYRHLEFKVFGIRFDILVDGKAGKFDIIPMTTIGSGI
GIFGVATVLCDDLLLHILPKRHYYKQKFKYAEDMGPG
AAERDLAATSSTLGLQENMRTS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 69.63

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: 5023

Gene Symbol: P2RX1

Gene Alias: P2X1

Gene Summary: The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel with relatively high calcium permeability. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle, being responsible, for example, for sympathetic vasoconstriction in small arteries, arterioles and vas deferens. Mouse studies suggest that this receptor is essential for normal male reproductive function. It is possible that the development of selective antagonists for this receptor may provide an effective non-hormonal male contraceptive pill. [provided by RefSeq]