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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

P2RX7 (Human) Recombinant Protein (P01)

Catalog Number: H00005027-P01

Regulation Status: For research use only (RUO)

Product Description: Human P2RX7 full-length ORF (AAH11913.1, 1 a.a. - 595 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPACCSCSDVFQYETNKVTRIQSMNYGTIKWFFHVIIF
SYVCFALVSDKLYQRKEPVISSVHTKVKGIAEVKKEIVE
NGVKKLVSFVDTADYTFPLQGNSFFVMTNFKTEGQ
EQRLCPEYPTRRRLCSDRGCKKGWMDPQSKGIQTG
RCVVHEGNQKTCEVSAWCPIEAVEEAPRPALLNSAEN
FTVLIKNNIDFPGHNYTTRNLPGLNITCTFHKTQNPQC
PIFRLGDIFRETGDNFSDVAIQGGIMGIEIYWDCNLDR
WFHHCHPKYSFRRLDDKTTNVSYPGYNFRYAKYYKE
NNVEKRTLKIVFGIRFDILVFGTGGKFDIIQLVVIYIGSTLS
YFGLAAVFIDFLIDTYSSNCCRSHIYPWCKCCQPCVVN
EYYRKKCESIVEPKPTLKYSFVDESHIRMVNQQLLG
RSLQDVKGQEVPRPAMDFTDLSRLPLALHDTPIPGQ
PEEIQLLRKEATPRSRDSPVWCQCGSCLPSQLPESHR
CLEELCCRKKPGACITSELFRKLVLRSRHLVQFLLLYQE
PLLALDVDSTNSRLRHCAIRCYATWRFSGQDMADFAI
LPSCCRWRIRKEFPKSEGQYSGFKSPY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 94.9

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: 5027

Gene Symbol: P2RX7

Gene Alias: MGC20089, P2X7

Gene Summary: The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Activation of this nuclear receptor by ATP in the cytoplasm may be a mechanism by which cellular activity can be coupled to changes in gene expression. Multiple alternatively spliced variants which would encode different isoforms have been identified although some fit nonsense-mediated decay (NMD) criteria. [provided by RefSeq]

References:

1. Role of pannexin 1 in Clostridium perfringens beta-toxin-caused cell death. Seike S, Takehara M, Kobayashi K, Nagahama M. Biochim Biophys Acta. 2016 Dec;1858(12):3150-3156. Epub 2016 Oct 5.