



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## P2RX7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005027-T02

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

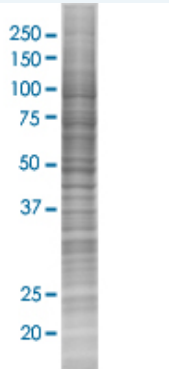
**Plasmid:** pCMV-P2RX7 full-length

**Host:** Human

**Theoretical MW (kDa):** 68.5

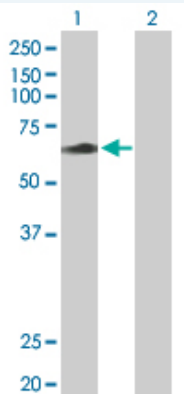
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-P2RX7 antibody ([H00005027-D01P](#)) by Western Blots.

#### SDS-PAGE Gel



P2RX7 transfected lysate.

#### Western Blot



Lane 1: P2RX7 transfected lysate ( 68.5 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [5027](#)

GeneBank [BC011913](#)  
Accession#:

Protein [AAH11913.1](#)  
Accession#:

Gene Name: P2RX7

Gene Alias: MGC20089,P2X7

Gene Description: purinergic receptor P2X, ligand-gated ion channel, 7

Omim ID: [151400](#), [602566](#)

Gene Ontology: [Hyperlink](#)

**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]

Other Designations: ATP receptor,P2X purinoceptor 7,P2X7 receptor,P2Z receptor,purinergic receptor P2X7

### Gene Pathway

[Calcium signaling pathway](#) [Neuroactive ligand-receptor interaction](#)

### Related Disease

[Agoraphobia](#) [Anemia](#), [Aplastic](#) [Anxiety Disorders](#) [Arthritis](#), [Rheumatoid](#) [Bacteremia](#) [Bipolar Disorder](#) [Carcinoma](#), [Papillary](#) [Carcinoma](#), [Papillary](#), [Follicular](#) [Cardiovascular Diseases](#) [Chromosome Aberrations](#) [Crohn Disease](#) [Crohn's disease](#) [Depressive Disorder](#) [Depressive Disorder](#), [Major](#) [Diabetes Complications](#) [Diabetes Mellitus](#) [Diabetes Mellitus](#), [Type 2](#) [Disease Progression](#) [Disease Susceptibility](#)

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