

# Active Recombinant Human P2RX7 Full Length Transmembrane protein(Nanodisc)

Cat. No. P2RX7-1219H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Human P2RX7 Full Length Transmembrane protein(Q99572), was expressed in HEK293.

### Species

Human

### Source

HEK293

### Form

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

### Bio-activity

Elisa plates were pre-coated with Flag Tag P2RX7-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with P2RX7-Nanodisc is 5.349ng/ml.

### Molecular Mass

The human full length P2RX7 protein has a MW of 68.4 kDa.

### Storage

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

### Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Full Length** Full L.

## GENE INFORMATION

**Gene Name** [P2RX7 purinergic receptor P2X, ligand-gated ion channel, 7 \[ Homo sapiens \]](#)

**Official Symbol** [P2RX7](#)

**Synonyms** P2RX7; purinergic receptor P2X, ligand-gated ion channel, 7; P2X purinoceptor 7; MGC20089; P2X7; ATP receptor; P2Z receptor; P2X7 receptor; purinergic receptor P2X7 variant A;

**Gene ID** [5027](#)

**mRNA Refseq** [NM\\_002562](#)

**Protein Refseq** [NP\\_002553](#)

**MIM** [602566](#)

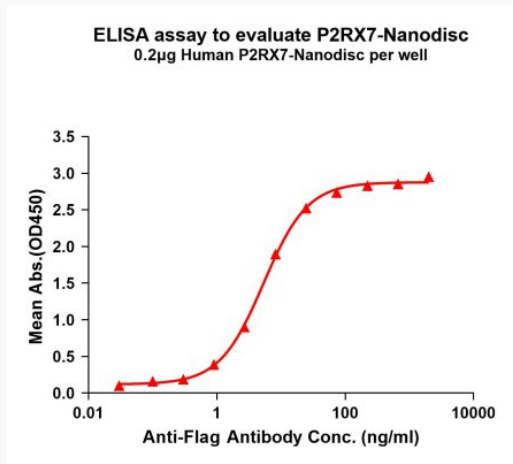
**UniProt ID** [Q99572](#)

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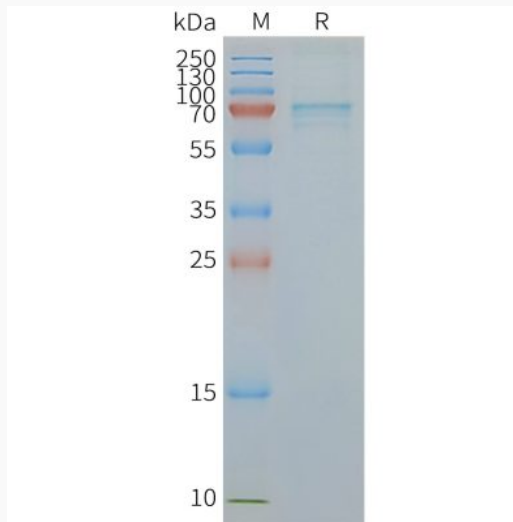
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**Activity**



**SDS-PAGE**



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