

Datasheet for ABIN6964308  
**P2RX7 Protein (Fc Tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	P2RX7
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P2RX7 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant human P2RX7 protein with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) P2RX7 (Ser47-Val334)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	P2RX7
Alternative Name:	P2RX7 ( <a href="#">P2RX7 Products</a> )
Background:	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.

## Target Details

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 have been identified, most of which fit nonsense-mediated decay (NMD) criteria. [provided by RefSeq, Jul 2010]

Molecular Weight: predicted molecular mass of 59.2 kDa after removal of the signal peptide. The apparent molecular mass of hFc-P2RX7 is 55-70 kDa due to glycosylation.

UniProt: [Q99572](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Synaptic Vesicle Exocytosis](#)

## Application Details

Restrictions: For Research Use only

## Handling

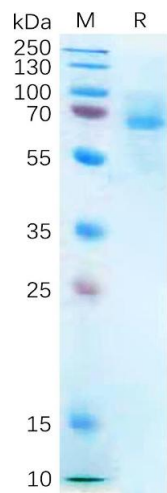
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

**Image 1.** Human P2RX7 Protein, hFc Tag on SDS-PAGE under reducing condition.