

## **PRODUCT INFORMATION**

P2RX7 **Target Synonyms** P2X7

Recombinant human P2RX7 protein with N-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** Q99572 **Expression Host HEK293** 

Tag N-Human Fc Tag

Molecular

Storage & Shipping

**Background** 

Purity

hFc(Glu99-Ala330) P2RX7(Ser47-Val334) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 

59.2 kDa after removal of the signal peptide. The apparent molecular mass of hFc-P2RX7 is

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

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

Research use only Usage Conjugate Unconjugated

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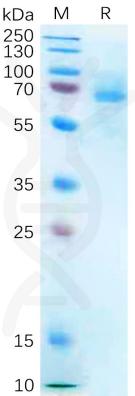


Figure 1. Human P2RX7 Protein, hFc Tag on SDS-PAGE under reducing condition.

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