

Human P2RX7 Full-Length Bioactive Membrane Protein

HDFP030



Product Information

Product SKU:

HDFP030

Size:

10µg

Molecular Weight:

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

Expression System:

HEK293

Uniprot:

Q99572

Target:

P2RX7

Antibody Information

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. 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]

Description:

Human P2RX7 full length protein-synthetic nanodisc

Protein Family:

Druggable Genome, Ion Channels: ATP Receptors, Transmembrane

Protein Pathways:

Calcium signaling pathway, Neuroactive ligand-receptor interaction

Synonyms:

P2X7

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.

Usage:

Research use only

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.

Contact Details | Dublin, Ireland

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