.-online.com antibodies

Datasheet for ABIN7491711 P2RX7 Protein



Overview	
Quantity:	100 µg
Target:	P2RX7
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic
Product Details	
Purpose:	Human P2RX7 full length protein-synthetic nanodisc
Characteristics:	Full Length Transmembrane Proteins (synthetic Nanodisc)
Target Details	
Target:	P2RX7
Alternative Name:	P2RX7 (P2RX7 Products)
Background:	P2X7 Description: 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]
Molecular Weight:	The human full length P2RX7 protein has a MW of 68.4 kDa

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN7491711 | 12/28/2023 | Copyright antibodies-online. All rights reserved.

Target Details

UniProt:	Q99572
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process,
	Synaptic Vesicle Exocytosis

Application Details

Application Notes:	 Applications for VLPs: ELISA SPR affinity analysis Phage display screening Immunization Cell based assays CAR-T cell screening Protein cystal structure analysis
Comment:	Synthetic Nanodisc can be prepared directly from the cells. The polymers used during this process have a dual function. It dissolves the cell membranes, like the detergent, and uses cellular phospholipids to form Nanodisc around the membrane proteins. The target protein embedded Nanodiscs can then be purified.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Supplied in nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0)
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