

Proteoliposomes

Full-Length

P2RY1 (Human) Recombinant Protein

Catalog # H00005028-G01

Size 2 ug

Specification

Product Description	Human P2RY1 full-length ORF (NP_002554.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MTEVLWPAVPNGTDAAFLAGPGSSWGNSTVASTAAVSSSFKCALTKTGFQFYLLPAVYILVFIIGF LGNSVAWMFVFHMKPWSGISVYMFNLALADFLYVLTLPALIFYFNKTDWIFGDAMCKLQRFIFHV NLYGSILFLTCISAHRYSGVVYPLKSLGRLKKKNAICISVLVWLMVVAISPILFYSGTGVRKNKTITCYD TTSDEYLRSYFIYSMCTTVAMFCVPLVLILGCYGLIVRALYKDLDNSPLRRKSMYLVIMLTVFAVSYPF HVMKTMNLRARLDFQTPAMCAFNDRVYATYQVTRGLASLNSCVDPILYFLAGDTFRRRLSRATRK ASRRSEANLQSKSEDMTLNILPEFKQNGDTSL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.1
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — P2RY1

Entrez GeneID	5028
GeneBank Accession#	NM_002563.2
Protein Accession#	NP_002554.1
Gene Name	P2RY1
Gene Alias	P2Y1
Gene Description	purinergic receptor P2Y, G-protein coupled, 1
Omim ID	601167
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor functions as a receptor for extracellular ATP and ADP. In platelets binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and probably to platelet aggregation. [provided by RefSeq]
Other Designations	ATP receptor P2 purinoceptor subtype Y1 P2Y purinoceptor 1 platelet ADP receptor purinergic receptor P2Y1

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [HIV Infections](#)

- [Vascular Diseases](#)