

Proteoliposomes

Full-Length

P2RY2 (Human) Recombinant Protein

Catalog # H00005029-G01

Size 2 ug

Specification

Product Description

Human P2RY2 full-length ORF (AAH12104.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MAADLGPWNDTINGTWDGDELGYRCRFNEDFKYVLLPVSYGVVCVLGLCLNAVALYIFLCRLKWTW
NASTTYMFHLAVSDALYAASLPLLVYYYARGDHWPFSTVLCCKLVRFLFYTNLYCSILFLTCISVHRCL
GVLRLRSLRWGRARYARRVAGAVWVLVLACQAPVLYFVTTSARGGRVTCHDTSAPELFSRFVA
YSSVMLGLLFAVPFAVILVCYVLMARRLLKPAYGTSGGLPRAKRKSVRTIAVVLAVFALCFLPFHVT
RTLYYSFRSLDLSCHTLNAINMAYKVTRPLASANSCLDPVLYFLAGQSLVRFARDAKPPTGPSPAT
PARRRLGLRRSDRTDMQRIEDVLGSSSEDSRRTSTPAGSENTKDIRL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

42.2

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 — P2RY2

Entrez GeneID	5029
GeneBank Accession#	BC012104.1
Protein Accession#	AAH12104.1
Gene Name	P2RY2
Gene Alias	HP2U, MGC20088, MGC40010, P2RU1, P2U, P2U1, P2UR, P2Y2, P2Y2R
Gene Description	purinergic receptor P2Y, G-protein coupled, 2
Omim ID	600041
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 is responsive to both adenosine and uridine nucleotides. It may participate in control of the cell cycle of endometrial carcinoma cells. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	ATP receptor P2U nucleotide receptor P2U purinoceptor 1 P2Y purinoceptor 2 purinergic receptor P2Y2 purinoceptor P2Y2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [HIV Infections](#)
- [Hypertension](#)
- [Myocardial Infarction](#)