

Proteoliposomes

Full-Length

P2RY14 (Human) Recombinant Protein

Catalog # H00009934-G01

Size 2 ug

Specification

Product Description	Human P2RY14 full-length ORF (AAH34989.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MINSTSTQPPDESCSQNLLITQQIIPVLYCMVFIAGILLNGVSGWIFFYVPSSSEFIYMLKNMIADFVMS LTFPFKILGDSGLGPWQLNVFVCRVSAVLFYVNMVVSIVFFGLISFDRIYKIVKPLWTSFIQSVSYK LLSVIVWMLMLLLAVPNILTNQSVREVTVQIKCIELKSELGRKWHKASNYIFVAIFWVFLLLVFTAITK KIFKSHLKSSRNSTSVKKKSSRNIFSMFVFFVCFVPYHARIPYTKSQTEAHYSCQSKEILRYMKEFT LLLSAANVCLDPIYFFLCQPFREILCKKLHIPLKAQNDLDIRIKRGNTTLESTDTL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39
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 — P2RY14

Entrez GeneID	9934
GeneBank Accession#	BC034989.2
Protein Accession#	AAH34989.1
Gene Name	P2RY14
Gene Alias	GPR105, KIAA0001, P2Y14
Gene Description	purinergic receptor P2Y, G-protein coupled, 14
Omim ID	610116
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	G protein coupled receptor for UDP-glucose G protein-coupled receptor 105 P2Y purinoceptor 14 P2Y(14) receptor P2Y14 receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)