

Proteoliposomes

Full-Length

P2RY6 (Human) Recombinant Protein

Catalog # H00005031-G01

Size 2 ug

Specification

Product Description	Human P2RY6 full-length ORF (NP_004145.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MEWDNGTGQALGLPPTTCVYRENFKQLLLPPVYSAVLAAGLPLNICVITQICTSRRALTRTAVYTLN LALADLLYACSLPLLNYAQGDHWPFGDFACRLVRFLFYANLHGSILFTCISFQRYLGICHPLAPW HKRGGRRAAWLVCVAVWLAVTTQCLPTAIFAATGQIRNRTVCYDLSPPALATHYMPYGMALTVIGF LLPFAALLACYCLLACRLCRQDGAEPVAQERRGKAARMVAVVAAAFASFLPFHITKTAYLAVRS TPGVPCTVLEAFAAAAYKGTRPFASANSVLDPIIFYFTQKKFRRRPHELLQKLTAKWQRQGR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.4
Interspecies Antigen Sequence	Mouse (87); Rat (88)
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 — P2RY6

Entrez GeneID [5031](#)**GeneBank Accession#** [NM_004154.3](#)**Protein Accession#** [NP_004145.1](#)**Gene Name** P2RY6**Gene Alias** MGC15335, P2Y6**Gene Description** pyrimidinergic receptor P2Y, G-protein coupled, 6**Omim ID** [602451](#)**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 UDP, partially responsive to UTP and ADP, and not responsive to ATP. Four transcript variants encoding the same isoform have been identified for this gene. [provided by RefSeq]

Other Designations G-coupled nucleotide receptor|P2 purinoceptor|P2Y purinoceptor 6|P2Y6 receptor|pyrimidinergic receptor P2Y6

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Tobacco Use Disorder](#)