

Recombinant Human P2RY6

Cat. No. P2RY6-30535TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human P2Y6 with N terminal proprietary tag, 36.85 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	102 amino acids
Description	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.
Molecular Weight	36.850kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids MEWDNGTGQALGLPPTTCVYRENFKQLLLPPVYSAVLAAG LPLNICVITQICTSRRA LTRTAVYTLNLALADLLYACSLP LLIYNYAQGDHWPFGDFACRLV

Sequence Similarities Belongs to the G-protein coupled receptor 1 family.

GENE INFORMATION

Gene Name P2RY6 pyrimidinergic receptor P2Y, G-protein coupled, 6 [Homo sapiens]

Official Symbol P2RY6

Synonyms P2RY6; pyrimidinergic receptor P2Y, G-protein coupled, 6; P2Y purinoceptor 6; P2Y6;

Gene ID 5031

mRNA Refseq NM_004154

Protein Refseq NP_004145

MIM 602451

Uniprot ID Q15077

Chromosome Location 11q13.5

Pathway Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Function

G-protein coupled purinergic nucleotide receptor activity; G-protein coupled receptor activity; receptor activity; signal transducer activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA