

Recombinant Human P2RY2, GST-tagged

Cat. No. P2RY2-1498H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RY2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-110aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	P2RY2 purinergic receptor P2Y, G-protein coupled, 2 [Homo sapiens]
Official Symbol	P2RY2
Synonyms	P2U; HP2U; P2U1; P2UR; P2Y2; P2RU1; P2Y2R
Gene ID	5029

 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

mRNA Refseq	NM_176072.1
Protein Refseq	NP_788086.1
MIM	600041
UniProt ID	P41231
Chromosome Location	11q13.5-q14.1
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;Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem;Neuroactive ligand-receptor interaction, organism-specific biosystem;
Function	A1 adenosine receptor binding;ATP binding;G-protein coupled purinergic nucleotide receptor activity;UTP-activated nucleotide receptor activity;receptor activity;

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