

Recombinant Human P2RY12, GST-tagged

Cat. No. P2RY12-1497H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RY12 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-342aa
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	P2RY12 purinergic receptor P2Y, G-protein coupled, 12 [Homo sapiens]
Official Symbol	P2RY12
Synonyms	P2RY12; purinergic receptor P2Y, G-protein coupled, 12; P2Y purinoceptor 12; HORK3; P2Y12; SP1999; ADP-glucose receptor; purinergic receptor P2RY12; P2Y12 platelet ADP receptor; Gi-coupled ADP receptor HORK3; G-protein coupled receptor SP1999; putative G-protein coupled receptor; ADPG-R; BDPLT8; P2T(AC); P2Y(AC);

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	P2Y(ADP); P2Y(cyc);
Gene ID	64805
mRNA Refseq	NM_022788
Protein Refseq	NP_073625
MIM	600515
UniProt ID	Q9H244
Chromosome Location	3q24-q25
Pathway	ADP signalling through P2Y purinoceptor 12, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) 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; Hemostasis, organism-specific biosystem;
Function	ADP receptor activity; G-protein coupled adenosine receptor activity; guanyl-nucleotide exchange factor activity; receptor activity; signal transducer activity;