

Recombinant Human P2RY10 protein, GST-tagged

Cat. No. P2RY10-1495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P2RY10 protein(171-339 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	171-339 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	RSTD LNNKSCFADLG YKQMNA VALVGMITVAELAGFVIPV VIII AWCTWKTTISLRQP PMAFQGISERQKALRMVFMCAAVFFICFTPYHINFIFYTMVKETI ISSCPVVR IALYFHP FCLCLASLCCLLDPILYYFMASEFRDQLSRHGSSVTRSR LMSKESGSSMIG
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name P2RY10 purinergic receptor P2Y, G-protein coupled, 10 [Homo sapiens (human)]

Official Symbol P2RY10

Synonyms P2RY10; P2Y10; purinergic receptor P2Y, G-protein coupled, 10; putative P2Y purinoceptor 10; P2Y-like receptor; P2Y purinoceptor 10; G-protein coupled purinergic receptor P2Y10

Gene ID 27334

mRNA Refseq NM_014499

Protein Refseq NP_055314

MIM 300529

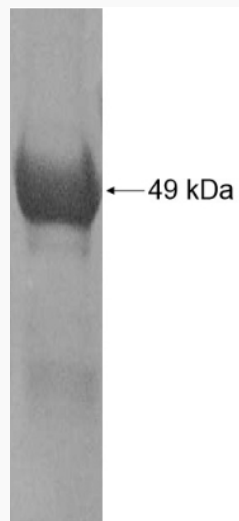
UniProt ID O00398

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SDS-PAGE



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