

Recombinant Mouse P2ry12 Protein, Myc/DDK-tagged

Cat. No. P2ry12-4638M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length purinergic receptor P2Y, G-protein coupled 12 (P2ry12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Receptor for ADP and ATP coupled to G-proteins that inhibit the adenylyl cyclase second messenger system. Required for normal platelet aggregation and blood coagulation.
Molecular Mass	39.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	P2ry12 purinergic receptor P2Y, G-protein coupled 12 [Mus musculus (house mouse)]
Official Symbol	P2ry12
Synonyms	P2RY12; purinergic receptor P2Y, G-protein coupled 12; P2Y purinoceptor 12; P2Y12; 2900079B22Rik; 4921504D23Rik
Gene ID	70839
mRNA Refseq	NM_027571
Protein Refseq	NP_081847
UniProt ID	Q9CPV9

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