

Recombinant Mouse P2ry2 Protein, His-tagged

Cat. No. P2ry2-1891M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse P2ry2 Protein (Gly310-Leu373) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly310-Leu373
Description	Predicted to enable A1 adenosine receptor binding activity; ATP binding activity; and G protein-coupled UTP receptor activity. Acts upstream of or within positive regulation of mucus secretion. Predicted to be located in apical plasma membrane and basolateral plasma membrane. Predicted to colocalize with early endosome; lysosome; and mitochondrion. Orthologous to human P2RY2 (purinergic receptor P2Y2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.9 kDa Accurate Molecular Mass: 16 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	P2ry2 purinergic receptor P2Y, G-protein coupled 2 [<i>Mus musculus</i> (house mouse)]
Official Symbol	P2ry2
Synonyms	P2ry2; purinergic receptor P2Y, G-protein coupled 2; P2U1; P2Y2; P2Y purinoceptor 2; ATP receptor; P2U purinoceptor 1
Gene ID	18442
mRNA Refseq	NM_008773
Protein Refseq	NP_032799
UniProt ID	P35383

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