

Recombinant Human P2RY10 293 Cell Lysate

Cat. No. P2RY10-3494HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for purinergic receptor P2Y, G-protein coupled, 10 (P2RY10), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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
Chromosome Location	Xq21.1
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; Gastrin-CREB signalling pathway via PKC and MAPK
Function	G-protein coupled purinergic nucleotide receptor activity

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