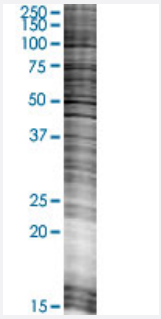
P2RY1 293T Cell Transient Overexpression Lysate(Denatured)

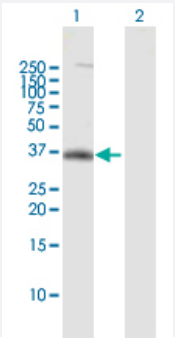
Catalog # H00005028-T02 Size 100 uL

Applications



SDS-PAGE Gel

P2RY1 transfected lysate.



Western Blot

Lane 1: P2RY1 transfected lysate (42.1 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pV5-P2RY1 full-length
Host	Human
Theoretical MW (kDa)	42.1
Interspecies Antigen Sequence	Mouse (95); Rat (95)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-P2RY1 antibody (H00005028-B02P) by W estern Blots. SDS-PAGE Gel P2RY1 transfected lysate. Western Blot Lane 1: P2RY1 transfected lysate (42.1 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — P2RY1

Entrez GeneID	5028
GeneBank Accession#	NM_002563
Protein Accession#	NP_002554.1
Gene Name	P2RY1
Gene Alias	P2Y1
Gene Description	purinergic receptor P2Y, G-protein coupled, 1
Omim ID	601167
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the family of G-protein coupled receptors. This family has sev eral receptor subtypes with different pharmacological selectivity, which overlaps in some cases, f or various adenosine and uridine nucleotides. This receptor functions as a receptor for extracellul ar ATP and ADP. In platelets binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and probably to platelet aggregation. [provided by RefSeq
Other Designations	ATP receptor|P2 purinoceptor subtype Y1|P2Y purinoceptor 1|platelet ADP receptor|purinergic re ceptor P2Y1

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Atherosclerosis
- Cardiovascular Diseases
- Coronary Disease
- Diabetes Mellitus
- Edema
- HIV Infections
- Vascular Diseases