



Human P2RX2 peptide (DAG-P1016)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Aug 2013]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the P2X receptor family.
Format	Liquid
Buffer	Preservative: None Constituents: dH2O
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: dH2O

GENE INFORMATION

Gene Name	P2RX2 purinergic receptor P2X, ligand-gated ion channel, 2 [Homo sapiens (human)]
Official Symbol	P2RX2
Synonyms	P2RX2; purinergic receptor P2X, ligand-gated ion channel, 2; P2X2; DFNA41; P2X purinoceptor 2; ATP receptor; P2X Receptor, subunit 2;
Entrez Gene ID	22953
mRNA Refseq	NM_001282164.1
Protein Refseq	NP_001269093.1

UniProt ID	Q32MC3
Chromosome Location	12q24.33
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	ATP binding; cadmium ion binding; cobalt ion binding; copper ion binding; drug binding; extracellular ATP-gated cation channel activity; extracellular ATP-gated cation channel activity; identical protein binding; ligand-gated ion channel activity; mercury