



P2RX3 blocking peptide (CDBP2167)

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

PRODUCT INFORMATION

Product Overview	P2X3 Blocking Peptide
Antigen Description	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and may transduce ATP-evoked nociceptor activation. Mouse studies suggest that this receptor is important for peripheral pain responses, and also participates in pathways controlling urinary bladder volume reflexes. It is possible that the development of selective antagonists for this receptor may have a therapeutic potential in pain relief and in the treatment of disorders of urine storage. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	2 mg/ml
Size	100 µg
Preservative	None
Storage	If peptide is supplied as a dried powder, reconstitute with deionized water. A stock solution of 2mgs/ml is recommended for most absorption control applications. For maximum stability, the peptide should be stored at – 20°C. Most peptides will be stabl

GENE INFORMATION

Gene Name	P2RX3 purinergic receptor P2X, ligand-gated ion channel, 3 [Homo sapiens (human)]
Official Symbol	P2RX3

Synonyms	P2RX3; purinergic receptor P2X, ligand-gated ion channel, 3; P2X3; P2X purinoceptor 3; ATP receptor; purinoceptor P2X3; P2X receptor, subunit 3; purinergic receptor P2X3;
Entrez Gene ID	5024
mRNA Refseq	NM_002559.3
Protein Refseq	NP_002550.2
UniProt ID	P56373
Chromosome Location	11q12
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; extracellular ATP-gated cation channel activity; purinergic nucleotide receptor activity;