



PANX1 blocking peptide (CDBP5886)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the innexin family. Innexin family members are the structural components of gap junctions. This protein and pannexin 2 are abundantly expressed in central nerve system (CNS) and are coexpressed in various neuronal populations. Studies in <i>Xenopus</i> oocytes suggest that this protein alone and in combination with pannexin 2 may form cell type-specific gap junctions with distinct properties. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	PANX1 pannexin 1 [Homo sapiens (human)]
Official Symbol	PANX1
Synonyms	PANX1; pannexin 1; PX1; MRS1; UNQ2529; pannexin-1; innexin
Entrez Gene ID	24145
mRNA Refseq	NM_015368

Protein Refseq	NP_056183
UniProt ID	Q96RD7
Pathway	Electric Transmission Across Gap Junctions; Immune System; Inflammasomes; Innate Immune System; Neuronal System; Nucleotide-binding domain; The NLRP3 inflammasome; Transmission across Electrical Synapses
Function	actin filament binding; calcium channel activity; gap junction hemi-channel activity; ion channel binding; leak channel activity; protease binding; protein heterodimerization activity; receptor binding; scaffold protein binding