



CADPS blocking peptide (CDBP5231)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca ²⁺ -regulated exocytosis of secretory vesicles. The protein acts at a stage in exocytosis that follows ATP-dependent priming, which involves the essential synthesis of phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P ₂). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq, Aug 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	CADPS Ca⁺⁺-dependent secretion activator [Homo sapiens (human)]
Official Symbol	CADPS
Synonyms	CADPS; Ca ⁺⁺ -dependent secretion activator; CAPS; CAPS1; CADPS1; calcium-dependent secretion activator 1; CAPS-1; Ca ²⁺ -dependent secretion activator; Ca ²⁺ -regulated cytoskeletal protein; Ca ²⁺ -dependent activator protein for secretion; calcium-dependent activator protein for secretion 1

Entrez Gene ID	8618
mRNA Refseq	NM_003716
Protein Refseq	NP_003707
UniProt ID	Q9ULU8
Function	lipid binding; metal ion binding; protein binding; protein kinase binding