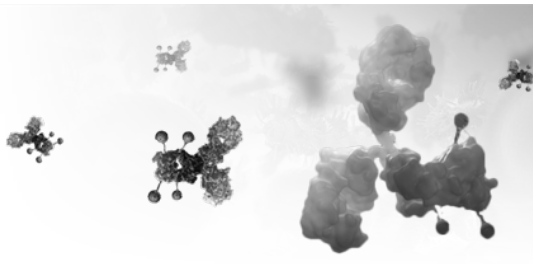

STIM2 blocking peptide (CDBP6203)

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

PRODUCT INFORMATION

Antigen Description	This gene is a member of the stromal interaction molecule (STIM) family and likely arose, along with related family member STIM1, from a common ancestral gene. The encoded protein functions to regulate calcium concentrations in the cytosol and endoplasmic reticulum, and is involved in the activation of plasma membrane Orai Ca(2+) entry channels. This gene initiates translation from a non-AUG (UUG) start site. A signal peptide is cleaved from the resulting protein. Multiple transcript variants result from alternative splicing. [provided by RefSeq, Dec 2009]
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	STIM2 stromal interaction molecule 2 [Homo sapiens (human)]
Official Symbol	STIM2
Synonyms	STIM2; stromal interaction molecule 2
Entrez Gene ID	57620

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mRNA Refseq	NM_001169117
Protein Refseq	NP_001162588
UniProt ID	Q9P246
Pathway	Calcium signaling pathway
Function	calcium channel regulator activity; calcium ion binding; protein binding; store-operated calcium channel activity

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