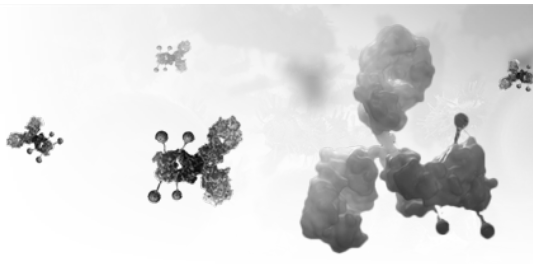

TRPC6 blocking peptide (CDBP6370)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene forms a receptor-activated calcium channel in the cell membrane. The channel is activated by diacylglycerol and is thought to be under the control of a phosphatidylinositol second messenger system. Activation of this channel occurs independently of protein kinase C and is not triggered by low levels of intracellular calcium. Defects in this gene are a cause of focal segmental glomerulosclerosis 2 (FSGS2). [provided by RefSeq, Mar 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	TRPC6 transient receptor potential cation channel, subfamily C, member 6 [Homo sapiens (human)]
Official Symbol	TRPC6
Synonyms	TRPC6; transient receptor potential cation channel, subfamily C, member 6; TRP6; FSGS2; short transient receptor potential channel 6; TRP-6; transient receptor protein 6; focal segmental glomerulosclerosis 2

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Entrez Gene ID	7225
mRNA Refseq	NM_004621
Protein Refseq	NP_004612
UniProt ID	Q9Y210
Pathway	Axon guidance; Developmental Biology; EPO signaling pathway; Effects of PIP2 hydrolysis; Elevation of cytosolic Ca2+ levels; Endothelins; G alpha (q) signalling events; GPCR downstream signaling
Function	inositol 1,4,5 trisphosphate binding; protein binding; store-operated calcium channel activity

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