



Human TRPC6 blocking peptide (CDBP3075)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TRPC6 antibody
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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TRPC6 transient receptor potential cation channel, subfamily C, member 6 [Homo sapiens]
Official Symbol	TRPC6
Synonyms	TRPC6; transient receptor potential cation channel, subfamily C, member 6; short transient receptor potential channel 6; TRP6; TRP-6; transient receptor protein 6; FSGS2; FLJ11098;

FLJ14863;

Entrez Gene ID	7225
mRNA Refseq	NM_004621
Protein Refseq	NP_004612
UniProt ID	Q9Y210
Chromosome Location	11q22.1
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; EPO signaling pathway, organism-specific biosystem; Effects of PIP2 hydrolysis, organism-specific biosystem; Elevation of cytosolic Ca ²⁺ levels, organism-specific biosystem; Endothelins, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem;
Function	cation channel activity; inositol 1,4,5 trisphosphate binding; protein binding;