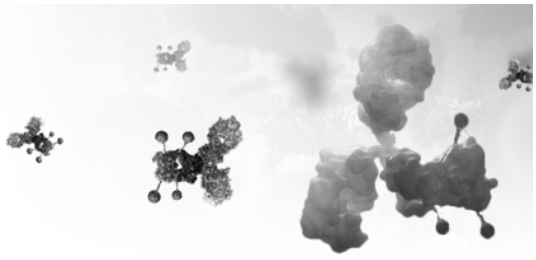

TRPV6 peptide (DAG-P1191)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of a family of multipass membrane proteins that functions as calcium channels. The encoded protein contains N-terminal ankyrin repeats, which are required for channel assembly and regulation. This gene is situated next to a closely related gene for transient receptor potential cation channel subfamily V member 5 (TRPV5). This locus has experienced positive selection in non-African populations, resulting in several non-synonymous codon differences among individuals of different genetic backgrounds. [provided by RefSeq, Jul 2013]
Specificity	Expressed at high levels in the gastrointestinal tract, including esophagus, stomach, duodenum, jejunum, ileum and colon, and in pancreas, placenta, prostate and salivary gland. Expressed at moderate levels in liver, kidney and testis. Expressed in locall
Conjugate	Unconjugated
Sequence Similarities	Belongs to the transient receptor (TC 1.A.4) family. TrpV subfamily. TRPV6 sub-subfamily.Contains 5 ANK repeats.
Format	Lyophilised
Preservative	None
Storage	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	TRPV6 transient receptor potential cation channel, subfamily V, member 6 [Homo sapiens (human)]
Official Symbol	TRPV6
Synonyms	TRPV6; transient receptor potential cation channel, subfamily V, member 6; CAT1; CATL;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	ZFAB; ECAC2; ABP/ZF; LP6728; HSA277909; transient receptor potential cation channel subfamily V member 6; calcium transport protein 1; epithelial calcium channel 2; calcium transporter-like protein; Alu-binding protein with zinc finger domain; epithelial apical membrane calcium transporter/channel CaT1;
Entrez Gene ID	55503
mRNA Refseq	NM_018646.4
Protein Refseq	NP_061116.3
UniProt ID	Q9H1D0
Chromosome Location	7q34
Pathway	Ion channel transport, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem; Signaling events mediated by PTP1B, organism-specific biosystem; Stimuli-sensing channels, organism-specific biosystem; TCR signaling in naive CD4+ T cells, organism-specific biosystem; TCR signaling in naive CD8+ T cells, organism-specific biosystem; TRP channels, or
Function	calcium channel activity; calmodulin binding; protein binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221