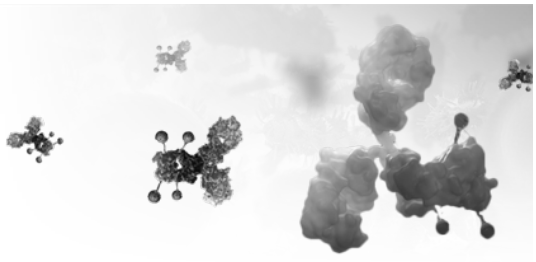

Human TRPV3 peptide (DAG-P2007)

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

PRODUCT INFORMATION

Antigen Description	This gene product belongs to a family of nonselective cation channels that function in a variety of processes, including temperature sensation and vasoregulation. The thermosensitive members of this family are expressed in subsets of sensory neurons that terminate in the skin, and are activated at distinct physiological temperatures. This channel is activated at temperatures between 22 and 40 degrees C. This gene lies in close proximity to another family member gene on chromosome 17, and the two encoded proteins are thought to associate with each other to form heteromeric channels. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
Specificity	Abundantly expressed in CNS. Widely expressed at low levels. Detected in dorsal root ganglion (at protein level).
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the transient receptor (TC 1.A.4) family. TrpV subfamily. TRPV3 sub-subfamily.Contains 3 ANK repeats.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TRPV3 transient receptor potential cation channel, subfamily V, member 3 [Homo sapiens (human)]

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

Official Symbol	TRPV3
Synonyms	TRPV3; transient receptor potential cation channel, subfamily V, member 3; OLMS; VRL3; transient receptor potential cation channel subfamily V member 3; VRL-3; vanilloid receptor-like 3; vanilloid receptor-related osmotically activated channel protein;
Entrez Gene ID	162514
mRNA Refseq	NM_001258205.1
Protein Refseq	NP_001245134.1
UniProt ID	B2KYM6
Chromosome Location	17p13.2
Pathway	Inflammatory mediator regulation of TRP channels, organism-specific biosystem; Inflammatory mediator regulation of TRP channels, conserved biosystem; Ion channel transport, organism-specific biosystem; Stimuli-sensing channels, organism-specific biosystem; TRP channels, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	calcium channel activity;

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