

TRPV4 抗原（重组蛋白）

中文名称：TRPV4 抗原（重组蛋白）

英文名称：TRPV4 Antigen (Recombinant Protein)

别名：transient receptor potential cation channel, subfamily V, member 4; SMAL; VRL2; CMT2C; SPSMA; TRP12; VROAC; HMSN2C; OTRPC4; SSQTL1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 237-465 amino acids of human TRPV4

技术规格：

Full name:	transient receptor potential cation channel, subfamily V, member 4
Synonyms:	SMAL; VRL2; CMT2C; SPSMA; TRP12; VROAC; HMSN2C; OTRPC4; SSQTL1
Swissprot:	Q9HBA0
Gene Accession:	BC117426
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The encoded protein is a Ca ²⁺ -permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Mutations in this

gene are the cause of spondylometaphyseal and metatropic dysplasia and hereditary motor and sensory neuropathy type IIC. Multiple transcript variants encoding different isoforms have been found for this gene.