



Human SMTN peptide (DAG-P1953)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a structural protein that is found exclusively in contractile smooth muscle cells. It associates with stress fibers and constitutes part of the cytoskeleton. This gene is localized to chromosome 22q12.3, distal to the TUPLE1 locus and outside the DiGeorge syndrome deletion. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2011]
Specificity	Smooth muscle; contractile or vascular (for the long form).
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the smoothelin family. Contains 1 CH (calponin-homology) domain.
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	SMTN smoothelin [Homo sapiens (human)]
Official Symbol	SMTN
Synonyms	SMTN; smoothelin;
Entrez Gene ID	6525
mRNA Refseq	NM_001207017.1

Protein Refseq	NP_001193946.1
UniProt ID	B4E229
Chromosome Location	22q12.2
Function	actin binding; structural constituent of muscle;