

Product datasheet for **RC207571L1V**

Spasmolytic Polypeptide (TFF2) (NM_005423) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Spasmolytic Polypeptide (TFF2) (NM_005423) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Spasmolytic Polypeptide
Synonyms:	SML1; SP
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005423
ORF Size:	387 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207571).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005423.3
RefSeq Size:	717 bp
RefSeq ORF:	390 bp
Locus ID:	7032
UniProt ID:	Q03403
Cytogenetics:	21q22.3
Protein Families:	Druggable Genome, Secreted Protein
MW:	14.3 kDa



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Gene Summary:

Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. The encoded protein inhibits gastric acid secretion. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq, Jul 2008]