

## Product datasheet for **TP307571M**

### Spasmolytic Polypeptide (TFF2) (NM\_005423) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human trefoil factor 2 (TFF2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207571 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MGRRDAQLLAALLVLGLCALAGSEKPSQC SRLSPHNRTNCGFPGITSDQCFDNGCCFDSSVTGVPWCF HPLPKQESDQCVMEVSDRRNCGYPGISPEECASRKCCFSNFIFVWPWCFFPKSVEDCHY
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	11.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005414</a>
Locus ID:	7032
UniProt ID:	<a href="#">Q03403</a>
RefSeq Size:	717
Cytogenetics:	21q22.3



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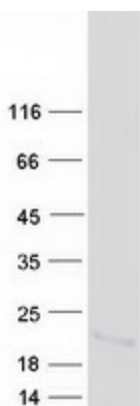
RefSeq ORF: 387

Synonyms: SML1; SP

**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]

**Protein Families:** Druggable Genome, Secreted Protein

### Product images:



Coomassie blue staining of purified TFF2 protein (Cat# [TP307571]). The protein was produced from HEK293T cells transfected with TFF2 cDNA clone (Cat# [RC207571]) using MegaTran 2.0 (Cat# [TT210002]).