

# TFF2 (Human) Recombinant Protein

Catalog # P9197

Size 20 ug

## Specification

<b>Product Description</b>	Human TFF2 partial recombinant protein with His tag in N-terminus expressed in <i>Escherichia coli</i> .
<b>Sequence</b>	MKHHHHHHHASEKPSPCQCSRLSPHNRTNCGFPGITSDQCFDNGCCFDSSVTGVPWCFHPLPK QESDQCVMEVSDRRNCGYPGISPEECASRKCCFSNFIFEVPWCFFPKSVEDCHY
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	13.2
<b>Specificity</b>	TFF2 Human, His
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purification</b>	chromatographic
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Storage Buffer</b>	Protein(0.5 mg/mL) was lyophilized from a solution containing 20 mM Tris-HCl, pH 7.5, 20 mM NaCl. Reconstitute the lyophilized powder in ddH <sub>2</sub> O to 0.5mg/mL, and is not sterile! Please filter the product by a sterile filter before use. In higher concentrations the solubility of this antigen is limited.
<b>Storage Instruction</b>	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

## Applications

- SDS-PAGE

## Gene Info — TFF2

Entrez GeneID	<a href="#">7032</a>
Protein Accession#	<a href="#">Q03403</a>
Gene Name	TFF2
Gene Alias	SML1, SP
Gene Description	trefoil factor 2
Omim ID	<a href="#">182590</a>
Gene Ontology	<a href="#">Hyperlink</a>
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]
Other Designations	spasmolysin spasmolytic polypeptide spasmolytic protein 1

## Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)