

# Recombinant Human TFF2 Protein

**Catalog No.: RP02848**

## Sequence Information

**Species**      **Gene ID**  
Human            7032

**Swiss Prot**    **Tags**  
Q03403          C-6His

### Synonyms

Trefoil Factor 2; Spasmolysin;  
Spasmolytic Polypeptide; SP; TFF2;  
SML1

## Product Information

**Source**            **Purification**  
HEK293 cells      ≥ 95 % as  
                         determined by  
                         SDS-PAGE.

**Calculated MWObserved MW**  
13 kDa              18-20 kDa

### Endotoxin

< 1 EU/μg of the protein by LAL  
method.

### Formulation

Lyophilized from a 0.22 μm filtered  
solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the tube before  
opening. Reconstitute to a  
concentration of 0.1-0.5 mg/mL in  
sterile distilled water. Avoid vortex  
or vigorously pipetting the protein.  
For long term storage, it is  
recommended to add a carrier  
protein or stabilizer (e.g. 0.1% BSA,  
5% HSA, 10% FBS or 5%  
Trehalose), and aliquot the  
reconstituted protein solution to  
minimize free-thaw cycles.

## Background

Trefoil Factor 2 (TFF2) is a member of the trefoil family and contains two P-type (trefoil) domains. Members of this family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. TFF2 is a secreted protein and specifically expressed in the stomach. TFF2 inhibits gastrointestinal motility and gastric acid secretion. TFF2 could function as a structural component of gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains.

## Basic Information

### Description

Recombinant Human TFF2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu24-Tyr129) of human TFF2 (Accession #NP\_005414.1) fused with a 6×His tag at the C-terminus.

### Activity

### Shipping

Lyophilized proteins are shipped at ambient temperature.  
Liquid proteins are shipped at frozen temperature with dry ice.  
Upon receipt, store it immediately at the temperature recommended below.

### Storage

Store at -20°C

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

## Contact

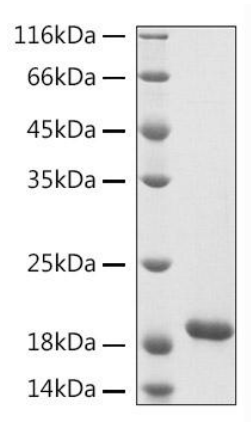
☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

**Validation Data**

---



Recombinant Human TFF2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.