

Recombinant Human TFF-1
Catalog # PBG10435**Specification**

Recombinant Human TFF-1 - Product Information**Recombinant Human TFF-1 - Additional Information****Description**

The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are expressed in the gastrointestinal tract, and appear to play an important role in intestinal mucosal defense and repair. TFF1 is essential for normal differentiation of the antral and pyloric gastric mucosa and functions as a gastric-specific tumor suppressor gene. Recombinant human TFF1 is a 6.7 kDa monomeric protein consisting of a 60 amino acid polypeptide chain, which includes a 40-amino acid trefoil motif containing three conserved intramolecular disulfide bonds.

Biological Activity

Determined by its ability to chemoattract human MCF-7 cells using a concentration 5-10 µg/ml.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human TFF-1 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human TFF-1 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Human TFF-1 - Images

