

Recombinant Human TFF-3
Catalog # PBG10437**Specification**

Recombinant Human TFF-3 - Product Information**Recombinant Human TFF-3 - Additional Information****Description**

The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are secreted in the gastrointestinal tract, and appear to play an important role in intestinal mucosal defense and repair. TFF-3 is expressed by goblet cells and in the uterus, and has also been shown to express in certain cancers, including colorectal, hepatocellular, and in biliary tumors. TFF3 may be useful as a molecular marker for certain types of cancer, but its role, if any, in tumorigenesis is unknown. TFF3 also promotes airway epithelial cell migration and differentiation. Recombinant human TFF3 is a 13.2 kDa homodimeric protein consisting of two 59 amino acid chains, 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 range of 1.0-10.0 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-3 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human TFF-3 - 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-3 - Images