

Recombinant Human TFF-2
Catalog # PBG10436**Specification**

Recombinant Human TFF-2 - Product Information**Recombinant Human TFF-2 - 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. TFF2 has been shown to inhibit gastrointestinal motility and gastric acid secretion. Recent data suggests a potential role for TFF2 in acute and chronic asthma (Nikolaidis, N.M. et al. *Am. Journal Respir. Cell Mol. Biol.* (2003) 4: 458-464). Recombinant human TFF2 is a 12.0 kDa polypeptide of 107 amino acid residues, which includes a 40-amino acid trefoil motif containing three conserved intramolecular disulfide bonds.

Biological Activity

Assay #1: Determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 µg/ml.
Assay #2: Determined by its ability to chemoattract human MCF-7 cells using a concentration range of 1.0-10.0 ng/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-2 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human TFF-2 - 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-2 - Images