

### 32-20481: Recombinant Human TFF-2(Discontinued)

**Reactivity :** Human, Mouse

**Alternative Name :** Trefoil Factor 2 (TFF2), Spasmolytic polypeptide (SP), Spasmolysin

#### Description

**Source:** **E.coli** 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 TFF-2 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.

#### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** AEKPSPCQCS RLSPHNRTNC GFPGITSDQC FDNGCCFDSS VTGVPWCFHP LPKQESDQCV  
MEVSDRRNCG YPGISPEECA SRKCCFSNFI FEVPWCFFPK SVEDCHY

#### Application Note

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.