

TFF-2, human recombinant protein
Trefoil Factor 2, Spasmolytic polypeptide (SP), Spasmolysin
Catalog # PBV10395r**Specification**

TFF-2, human recombinant protein - Product info

Primary Accession [Q03404](#)
Calculated MW **12.0 kDa** KDa

TFF-2, human recombinant protein - Additional Info

Gene ID **7032**
Gene Symbol **TFF2**
Other Names
Trefoil Factor 2, Spasmolytic polypeptide (SP), Spasmolysin

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC; ≥98%**
Recombinant **Yes**
Results **1.0-10.0 µg/ml**

Application Notes

Reconstitute in H₂O to a concentration of 0.1-1.0 µg/ µl. The solution can then be diluted into other aqueous buffers

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

TFF-2, human recombinant protein - 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](#)

TFF-2, human recombinant protein - Images**TFF-2, human recombinant protein - Background**

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. Recombinant human TFF2 is a 12.0 kDa polypeptide of 106 amino acid residues, which includes a 40-amino acid trefoil motif containing three conserved intramolecular disulfide bonds.

TFF-2, human recombinant protein - References

Tomasetto C., et al. EMBO J. 9:407-414(1990).

Taupin D., et al. Submitted (JUN-1997) to the EMBL/GenBank/DDBJ databases.