

TFF-2, Human
Catalog # PVGS1095

Specification

TFF-2, Human - Product Information

Species
Human

Sequence
EKPSQCQCSR LSPHNRNCG FPGITSDQCF DNGCCFDSSV TGVPWCFHPL PKQESDQCVM
EVSDRRNCGY PGISPEECAS RKCCFSNFIF EVPWCFFPKS VEDCHY

Purity
> 97 % by SDS-PAGE and HPLC analyses.

Endotoxin Level
Less than 1 EU/ µg of rHuTFF2 as determined by LAL method.

Formulation **Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl.**

Reconstitution
We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

TFF-2, Human - Additional Information

Target 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 (Nikolaidis, N.M. et al. Am. Journal Respir. Cell Mol. Biol. (2003) 4: 458-464).

TFF-2, Human - Protein Information

TFF-2, Human - 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 - Images