

## PRODUCT INFORMATION SUMMARY

### Human TFF-3

Purified Factor	Product Number	HC67718B	20.0 ug
		HC67718A	5.0 ug

#### DESCRIPTION:

Human Trefoil Factor-3 ( TFF-3) is a cytokine factor of the gastrointestinal tract, and may be involved in intestinal mucosal repair. TFF-3 is expressed by goblet cells and found in certain tumors such as biliary and colorectal. TFF-3 is a 13.2 kDa protein, and contains two 59 aa. chains.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug TFF3  
Sterile filtered and lyophilized, additive-free.

#### BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by ability to chemoattract human MCF-7 cells in range of 1.0 - 10.0 ug/mL.

#### HANDLING AND STORAGE:

Purified TFF-3 factor is provided sterile-filtered and lyophilized from 10mM Sodium Phosphate (pH 7.5) with no additives. Store lyophilized, at -20° C. Upon reconstitution with sterile or distilled water **to 100 ug/mL**, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C, with addition of 0.1% BSA, for long-term storage ( up to 3 months), at high concentration.

**Before opening vial**, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**