

Recombinant Human TFF1

CATALOG #: 4893-20 20 µg
 4893-100 100 µg
 4893-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
 Endotoxin level is <0.1 ng per µg of human TFF1.

MOL. WEIGHT: 8.2 kDa

FORM: Sterile filtered and lyophilized powder

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and store at 4°C for 1 week or –20°C for future use.

STORAGE CONDITIONS:

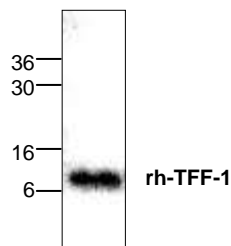
The lyophilized protein is best-stored desiccated below 0°C. Reconstituted TFF1 should be stored at working aliquots at -20°C.

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. Recombinant human TFF1 is a 8.2 kDa polypeptide containing 60 amino acid residues.

BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract human MCF-7 cells using a concentration 5-10 µg/ml.



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2 µg of rh-TFF-1 was subjected to SDS-PAGE and Coomassie blue staining. The molecular weight is ~8.2 kDa.

FOR RESEARCH USE ONLY. Not to be used on humans

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