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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TFF1 (Human) Recombinant Protein

Catalog Number: P9194

Regulation Status: For research use only (RUO)

Product Description: Human TFF1 recombinant protein expressed in *Escherichia coli*.

Sequence:

EAQTETCTVAPRERQNCGFPGVTPSQCANKGCCFDD
TVRGVPWCFYPNTIDVPPEEECEF.

Host: *Escherichia coli*

Theoretical MW (kDa): 13.2

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: TFF1 Human

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purification: chromatographic

Purity: > 97% as determined by (a) RP-HPLC.(b) SDS-PAGE.

Activity: ED₅₀ < 10 ug/mL, measured by a chemotaxis bioassay using human MCF-7 cells, corresponding to a specific activity > 100 IU/mg.

Storage Buffer: Lyophilized from a solution containing 20 mM PB, pH 7.4, 150 mM NaCl. Reconstitute the lyophilized powder in ddH₂O to 100 ug/mL.

Storage Instruction: Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid repeated freeze/thaw cycles.

Entrez GeneID: 7031

Gene Symbol: TFF1

Gene Alias: BCE1, D21S21, HP1.A, HPS2, pNR-2, pS2

Gene Summary: Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer, and affect healing of the epithelium. This gene, which is expressed in the gastric mucosa, has also been studied because of its expression in human tumors. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq]