

Bioactive

TFF3 (Human) Recombinant Protein

Catalog # P6410

Size 20 ug

Specification

Product Description	Human TFF3 (Q07654) recombinant protein expressed in <i>E. Coli</i> .
Sequence	EEYVGLSANQCAVPAKDRVDCGYPHVTPKECNNRGCCFDSRIPGVPWCFKPLQEAECTF
Host	Escherichia coli
Theoretical MW (kDa)	6
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	Determined by the ability to chemoattract human MCF-7 cells using a concentration range of 1-10 ug /mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to -80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Functional Study

Gene Info — TFF3

Entrez GeneID	7033
Protein Accession#	Q07654
Gene Name	TFF3
Gene Alias	HITF, ITF, TFI, hP1.B
Gene Description	trefoil factor 3 (intestinal)
Omim ID	600633
Gene Ontology	Hyperlink
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 is expressed in goblet cells of the intestines and colon. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq]
Other Designations	intestinal trefoil factor secretory protein trefoil factor 3 trefoil factor 3, HITF, human intestinal trefoil factor

Disease

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