

Bioactive

## TFF3 (Human) Recombinant Protein

Catalog # P7251

Size 20 ug

### Specification

Product Description	Human TFF3 (Q07654, 36 a.a. - 94 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	6.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The ED <sub>50</sub> as determined by a chemotaxis bioassay using human MCF-7 cells is < 10.0 ug/ml, corresponding to a specific activity of > 100.0 IU/mg.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

### Applications

- Functional Study
- SDS-PAGE

### Gene Info — TFF3

Entrez GeneID

[7033](#)

Protein Accession#	<a href="#">Q07654</a>
Gene Name	TFF3
Gene Alias	HITF, ITF, TFI, hP1.B
Gene Description	trefoil factor 3 (intestinal)
Omim ID	<a href="#">600633</a>
Gene Ontology	<a href="#">Hyperlink</a>
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

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)