

Bioactive

# TFF1 (Human) Recombinant Protein

Catalog # P6408

Size 20 ug

## Specification

Product Description	Human TFF1 (P04155) recombinant protein expressed in <i>E. Coli</i> .
Sequence	EAQTETCTVAPRERQNCGFPGVTPSQCANKGCCFDDTVRGVPWCFYPNTIDVPPEEECEF
Host	Escherichia coli
Theoretical MW (kDa)	7
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 5-10 ug/mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	<p>Stored at -20°C to -80°C.</p> <p>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.</p> <p>Aliquot to avoid repeated freezing and thawing.</p>

## Applications

- Western Blot
- Functional Study

## Gene Info — TFF1

Entrez GeneID

[7031](#)

Protein Accession#	<a href="#">P04155</a>
Gene Name	TFF1
Gene Alias	BCEI, D21S21, HP1.A, HPS2, pNR-2, pS2
Gene Description	trefoil factor 1
Omim ID	<a href="#">113710</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, 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]
Other Designations	breast cancer estrogen-inducible sequence gastrointestinal trefoil protein pS2

## Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Calculi](#)
- [Kidney Diseases](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)