

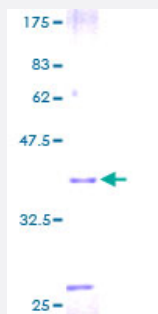
Full-Length

TFF2 (Human) Recombinant Protein (P01)

Catalog # H00007032-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TFF2 full-length ORF (AAH32820, 1 a.a. - 129 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGRRDAQLLAALLVLGLCALAGSEKPSPCQCSRLSPHNRTNCGFPGITSDQCFDNGCCFDSSV TGVPWCFHPLPKQESDQCVMEVSDRRNCGYPGISPEECASRKCCFSNFIFEVPWCFFPKSVED CHY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.93
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TFF2

Entrez GeneID [7032](#)

GeneBank Accession# [BC032820](#)

Protein Accession# [AAH32820](#)

Gene Name TFF2

Gene Alias SML1, SP

Gene Description trefoil factor 2

Omim ID [182590](#)

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. The encoded protein inhibits gastric acid secretion. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq]

Other Designations spasmolysin|spasmolytic polypeptide|spasmolytic protein 1

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)

- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)