

## Trefoil factor 3 (Tff3) Recombinant Protein | Tff3 recombinant protein

Recombinant Mouse Trefoil factor 3 (Tff3)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA116679</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

Trefoil factor 3 (Tff3); Recombinant Mouse Trefoil factor 3 (Tff3); Tff3 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                    |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                           |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                    |
| Sequence Positions      | 23-81aa; Full Length of Mature Protein                                                                                                                                                              |
| Sequence                | ADYVGLSPSQ CMVPANVRVD CGYPSVTSEQ CNNRGCCFDS SIPNPWCFFK PLQETECTF                                                                                                                                    |
| Species                 | Mouse                                                                                                                                                                                               |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Related Product Information for Tff3 recombinant protein | 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. |
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### NCBI AND UNIPROT INFORMATION

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|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | <a href="#">6755773</a>                         |
| NCBI GeneID                      | <a href="#">21786</a>                           |
| NCBI Accession #                 | <a href="#">NP_035705.1</a>                     |
| NCBI GenBank Nucleotide #        | <a href="#">NM_011575.2</a>                     |
| UniProt Accession #              | <a href="#">Q62395</a> ; <a href="#">Q64352</a> |
| Molecular Weight                 | 8,808 Da                                        |
| NCBI Official Full Name          | trefoil factor 3                                |
| NCBI Official Synonym Full Names | trefoil factor 3, intestinal                    |
| NCBI Official Symbol             | Tff3                                            |
| NCBI Official Synonym Symbols    | ITF; mITF                                       |
| NCBI Protein Information         | trefoil factor 3                                |
| UniProt Protein Name             | Trefoil factor 3                                |

|                            |           |
|----------------------------|-----------|
| UniProt Gene Name          | Tff3      |
| UniProt Synonym Gene Names | Itf; mITF |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/tff3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116679>