

## Recombinant Porcine Trefoil Factor 3 (TFF3), N-His-GST

Cat. No.: AP7F207

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

### Product Overview

BioVenic's Recombinant Porcine Trefoil Factor 3 (TFF3), N-His-GST is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 36.5 kDa. The purity is >90% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

### Specifications

|                            |   |
|----------------------------|---|
| Type                       | Recombinant Protein                             |
| Species                    | Swine   |
| Expression System          | <i>E.coli</i>                                   |
| Purity                     | >90% (SDS-PAGE)                                 |
| Endotoxin                  | <1 EU/µg (LAL)                                  |
| Predicted Molecular Weight | 36.5 kDa  |
| Molecular Weight           | 37 kDa  |
| Physical State             | Lyophilized                                     |
| Formulation                | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. |

### Target Information

Trefoil factor 3 is encoded by the *TFF3* gene in pigs. TFF3 is a typical secretory product of intestinal goblet cells and occurs also in the respiratory tract.

|                 |   |
|-----------------|---|
| Protein         | Porcine Trefoil Factor 3 (TFF3)   |
| Protein Synonym | trefoil factor 3, ITF, Intestinal trefoil factor, trefoil factor 3 (intestinal) |
| Gene ID         | <a href="#">100627480</a>   |
| UniProt ID      | <a href="#">Q29183</a>  |

### Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -80°C.

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## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.