

Recombinant Mouse Trefoil Factor 2 (Tff2), C-His

Cat. No.: AP2C739

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Trefoil Factor 2 (Tff2), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 14.2 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	Human Cells
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	14.2 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Trefoil Factor 2 (Tff2) is a peptide involved in mucosal repair and protection. In mice, Tff2 promotes the healing of gastrointestinal epithelial wounds and enhances the barrier function of the mucosa. It is crucial for maintaining intestinal homeostasis and preventing inflammatory bowel disease. Tff2 works by interacting with mucins and extracellular matrix components, stabilizing the mucosal lining. Its expression is induced in response to epithelial injury, making it a key factor in the defense against gastrointestinal disorders.

Protein	Mouse Trefoil Factor 2 (Tff2)
Protein Synonym	Spasmolytic polypeptide
Gene ID	21785
UniProt ID	Q03404

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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.