

Datasheet for ABIN7320764  
**TFF3 Protein (His tag)**



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## Overview

Quantity:	50 µg
Target:	TFF3
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFF3 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse Trefoil Factor 3/TFF3 Protein (His Tag)
Sequence:	Ala23-Phe81
Characteristics:	Recombinant Mouse Trefoil Factor 3 is produced by our Mammalian expression system and the target gene encoding Ala23-Phe81 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	TFF3
Alternative Name:	Trefoil Factor 3/TFF3 ( <a href="#">TFF3 Products</a> )
Background:	Background: Trefoil factors (TFF) are secretory products of mucin producing cells. They play a key role in the maintenance of the surface integrity of oral mucosa and enhance healing of the gastrointestinal mucosa by a process called restitution. TFF comprises the gastric peptides

## Target Details

(TFF1), spasmolytic peptide (TFF2), and the intestinal trefoil factor (TFF3). They have an important and necessary role in epithelial restitution within the gastrointestinal tract. 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 disulfide bonds. They are stable secretory proteins expressed in gastrointestinal mucosa. Trefoil Factor 3(TFF3) is involved in the maintenance and repair of the intestinal mucosa. TFF3 promotes the mobility of epithelial cells in healing processes (motogen).

Synonym: Trefoil factor 3, Intestinal trefoil factor, mITF, Tff3, Itf

Molecular Weight: 7.3 kDa

UniProt: [Q62395](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.