

Datasheet for ABIN7320765

Trefoil Factor 2 Protein (TFF2) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Trefoil Factor 2 (TFF2)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Trefoil Factor 2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Trefoil Factor 2/TFF2 Protein (His Tag)
Sequence:	Glu24-Tyr129
Characteristics:	Recombinant Mouse Trefoil Factor 2 is produced by our Mammalian expression system and the target gene encoding Glu24-Tyr129 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:	Trefoil Factor 2 (TFF2)
Alternative Name:	Trefoil Factor 2/TFF2 (TFF2 Products)
Background:	Background: Recombinant Murine TFF-2 is an 11.9 kDa polypeptide of 106 amino acid residues, which includes a 40-amino acid trefoil motif containing three conserved intramolecular disulfide bonds. The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are expressed in the gastrointestinal

Target Details

tract, and appear to play an important role in intestinal mucosal defense and repair. TFF2 has been shown to inhibit gastrointestinal motility and gastric acid secretion. Recent data suggests a potential role for TFF2 in acute and chronic asthma.

Synonym: Trefoil Factor 2, Spasmolytic polypeptide, SP, Tff2, Sml1, Sp

Molecular Weight: 12.7 kDa

UniProt: [Q03404](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

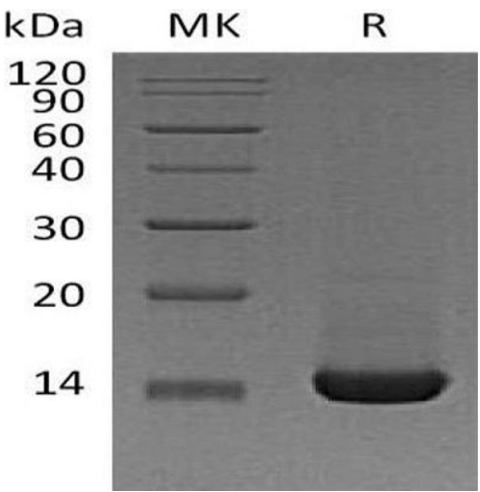
Reconstitution: Please refer to the printed manual for detailed information.

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.

Images



Western Blotting

Image 1.