

Recombinant Mouse TFF2 (C-6His)

Catalog # EPT220

Expression Host Human Cells

DESCRIPTION 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.

Accession Q03404

Synonyms Trefoil Factor 2; Spasmolytic polypeptide; SP; Tff2;

Sml1; Sp

Mol Mass 12.7 KDa

AP Mol Mass 14 KDa, reducing conditions

Purity Greater than 95% as determined by reducing

SDS-PAGE.

Endotoxin Less than 0.1 ng/μg (1 EU/μg) as determined by LAL

test.

FORMULATION Lyophilized from a 0.2 µm filtered solution of PBS, pH

7.4.

RECONSTITUTION Always centrifuge tubes before opening.Do not mix by



+86-27-59760950 ELKbio@ELKbiotech.com

www.elkbiotech.com



vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SHIPPING

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Lyophilized protein should be stored at < -20 ° C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20° C for 3 months.

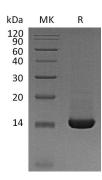
BACKGROUND

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 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. It inhibits gastrointestinal motility and gastric acid secretion. As a structural component of gastric mucus, it possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains.



SDS-PAGE

