

Recombinant Human TFF2 (C-6His)

Catalog # EPT276

Expression Host Human Cells

DESCRIPTION Recombinant Human 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 Q03403

Synonyms Trefoil Factor 2; Spasmolysin; Spasmolytic

Polypeptide; SP; TFF2; SML1

Mol Mass 13 KDa

AP Mol Mass 19 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



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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.

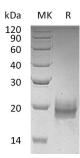
BACKGROUND

Trefoil Factor 2 (TFF2) is a member of the trefoil family and contains two P-type (trefoil) domains. Members of this family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. TFF2 is a secreted protein and specifically expressed in the stomach. TFF2 inhibits gastrointestinal motility and gastric acid





secretion. TFF2 could function as a structural component of gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains.



SDS-PAGE



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