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Datasheet for ABIN7319109

Trefoil Factor 2 Protein (TFF2) (His tag)

Overview

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

Product Details

Purpose:	Recombinant Human Trefoil Factor 2/TFF2 Protein (His Tag)
Sequence:	Gln24-Tyr129
Characteristics:	Recombinant Human Trefoil Factor 2 is produced by our Mammalian expression system and the target gene encoding Gln24-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: 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

Target Details

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.

Synonym: Trefoil Factor 2, Spasmodysin, Spasmolytic Polypeptide, SP, TFF2, SML1

Molecular Weight: 13.0 kDa

UniProt: [Q03403](#)

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 20 mM PB, 150 mM NaCl, pH 7.2.

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.