

Recombinant Human TFF2 Protein, His-tagged

Cat. No. TFF2-588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFF2 fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	24-129 a.a.
Description	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 disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. The encoded protein inhibits gastric acid secretion. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	13kD
AA Sequence	EKPSPCQCSRLSPHNRTNCGFPGITSDQCFDNGCCFDSSVTGVPWCFHPLPKQES DQCVMEVSDRRNCGYPGISPEECASRKCCFSNFIFEVPWCFFPKSVEDCHYVDHH HHHH

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	TFF2 trefoil factor 2 [Homo sapiens]
Official Symbol	TFF2
Synonyms	TFF2; trefoil factor 2; SML1, spasmolytic protein 1; spasmolysin; spasmolytic protein 1; spasmolytic polypeptide; SP; SML1;
Gene ID	7032
mRNA Refseq	NM_005423
Protein Refseq	NP_005414
MIM	182590
UniProt ID	Q03403

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