

Recombinant Human TFF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TFF2-5458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TFF2 MS Standard C13 and N15-labeled recombinant protein (NP_005414) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	14.3 kDa
AA Sequence	MGRRDAQLLAALLVLGLCALAGSEKSPQCQSRLSPHNRTNCGFPGITSDQCFDNG CCFDSSVTGVPWCFHPLPKQESDQCVMEVSDRRNCGYPGISPEECASRKCCFSNF IFEVPWCFFPKSVEDCHYTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TFF2 trefoil factor 2 [Homo sapiens (human)]

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

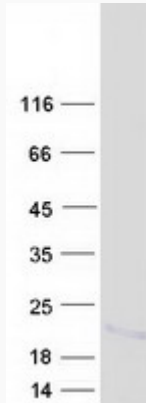
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SDS-PAGE



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