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	MGRRDAQLLAALLVLGLCALAGSEKPSPCQCSRLSPHNRTNCGFPGITSDQCFDNG 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

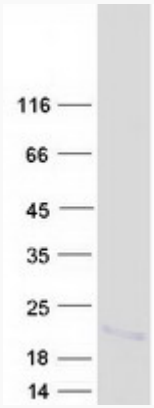
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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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