

Product datasheet for **TP307599M**

TFF1 (NM_003225) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens trefoil factor 1 (TFF1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207599 representing NM_003225 Red =Cloning site Green =Tags(s) MATMENKVICALVLVSMLALGTLAEAQTTCTVAPRRQNCGFPGVTPSQCANKGCCFDDTVRGVPWC FY PNTIDVPPEEECEF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	6.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003216
Locus ID:	7031
UniProt ID:	P04155
RefSeq Size:	508


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Cytogenetics: 21q22.3

RefSeq ORF: 252

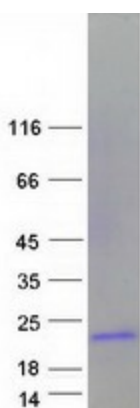
Synonyms: BCEI; D21S21; HP1.A; HPS2; pNR-2; pS2

Summary:

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. This gene, which is expressed in the gastric mucosa, has also been studied because of its expression in human tumors. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified TFF1 protein (Cat# [TP307599]). The protein was produced from HEK293T cells transfected with TFF1 cDNA clone (Cat# [RC207599]) using MegaTran 2.0 (Cat# [TT210002]).