

Product datasheet for PH307599

TFF1 (NM_003225) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TFF1 MS Standard C13 and N15-labeled recombinant protein (NP_003216)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207599
Predicted MW:	9.15 kDa
Protein Sequence:	>RC207599 representing NM_003225 Red =Cloning site Green =Tags(s) MATMENKVICALVLVSMALGTLAEAQTTCTVAPRERQNCGFPVTPSQKANGCCFFDDTVRGVPWCFY PNTIDVPPPEEECEF TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003216
RefSeq Size:	508
RefSeq ORF:	252
Synonyms:	BCEI; D21S21; HP1.A; HPS2; pNR-2; pS2
Locus ID:	7031
UniProt ID:	P04155
Cytogenetics:	21q22.3



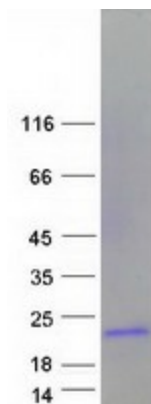
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Summary:

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]).