



Recombinant Mouse TFF1

20180507BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	M10-242S
Size:	5 µg
Lot. No.:	According to product label

Sequence

QAQAQAQAQE ETCIMAPRER INCGFPGVTA QQCTERGCCF
DDSVRGFPWC FHPMAIENTQ EEECPF

Database References

Protein RefSeq:	NP_033388.1
Uniprot ID:	Q08423
mRNA RefSeq:	NM_009362.2

Scientific Background

Gene-ID (NCBI):	21784
Synonyms:	Trefoil Factor 1, pS2 protein, HP1.A, Breast Cancer Estrogen-Inducible protein (BCEI), PNR2

The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are expressed in the gastrointestinal tract, and appear to play an important role in intestinal mucosal defense and repair. TFF1 is essential for normal differentiation of the antral and pyloric gastric mucosa, and functions as a gastric-specific tumor suppressor gene. Recombinant Murine TFF-1 is a 7.4 kDa monomeric protein consisting of a 66 amino acid polypeptide chain, which includes a 40-amino acid trefoil motif containing three conserved intramolecular disulfide bonds.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	245
MW:	44.0 kDa (reducing conditions)



AVOID REPEATED FREEZE AND THAW CYCLES!

Biological Activity: Not available.