Product datasheet for TP723436

Trefoil Factor 3 (TFF3) (NM_003226) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human trefoil factor 3 (intestinal) (TFF3).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	EEYVGLSANQ CAVPAKDRVD CGYPHVTPKE CNNRGCCFDS RIPGVPWCFK PLQEAECTF
Tag:	Tag Free
Predicted MW:	13.2 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer,100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract human MCF-7 cells using a concentration range of 1.0-10.0ug/mL.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_003217
Locus ID:	7033
UniProt ID:	Q07654
RefSeq Size:	685
Cytogenetics:	21q22.3
RefSeq ORF:	390
Synonyms:	ITF; P1B; TFI

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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 is expressed in goblet cells of the intestines and colon. 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: Secreted Protein