

TFF1 (Human) Recombinant Protein

Catalog # P9195

Size 20 ug

Specification

Product Description	Human TFF1 partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MKHHHHHHASEAQTETCTVAPRERQNCGFPGVTPSQCANKGCCFDDTVRGVPWCFYPNTIDVP PEEECEF
Host	Escherichia coli
Theoretical MW (kDa)	7.9
Specificity	TFF1 Human, His
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Protein (0.5 mg/mL) was lyophilized from a solution containing 20 mM Tris-HCl, pH 7.5, 20 mM NaCl. Reconstitute the lyophilized powder in ddH ₂ O to 0.5mg/mL, and is not sterile! Please filter the product by a sterile filter before use. In higher concentrations the solubility of this antigen is limited.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — TFF1

Entrez GeneID	7031
Protein Accession#	P04155
Gene Name	TFF1
Gene Alias	BCEI, D21S21, HP1.A, HPS2, pNR-2, pS2
Gene Description	trefoil factor 1
Omim ID	113710
Gene Ontology	Hyperlink
Gene 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]
Other Designations	breast cancer estrogen-inducible sequence gastrointestinal trefoil protein pS2

Disease

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