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Product Datasheet

Recombinant Human TFF2 (C-6His) EBT-EPT276

Article Name	Recombinant Human TFF2 (C-6His)
Biozol Catalog Number	EBT-EPT276
Supplier Catalog Number	EPT276
Alternative Catalog Number	EBT-EPT276-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Trefoil Factor 2 is produced by our Mammalian expression system and the target gene encoding Glu24-Tyr129 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 13 KDa. Apparent molecular weight: 19 KDa, reducing conditions
UniProt	Q03403
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Trefoil Factor 2 (TFF2) is a member of the trefoil family and contains two P-type (trefoil) domains. Members of this family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. TFF2 is a secreted protein and specifically expressed in the stomach. TFF2 inhibits gastrointestinal motility and gastric acid secretion. TFF2 could function as a structural component of gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains
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