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Product Datasheet

Recombinant Mouse TFF3 (C-6His) EBT-EPT168

Article Name	Recombinant Mouse TFF3 (C-6His)
Biozol Catalog Number	EBT-EPT168
Supplier Catalog Number	EPT168
Alternative Catalog Number	EBT-EPT168-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Trefoil Factor 3 is produced by our Mammalian expression system and the target gene encoding Ala23-Phe81 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 7.3 KDa. Apparent molecular weight: 11 KDa, reducing conditions
UniProt	Q62395
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 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test. Background: Trefoil factors (TFF) are secretory products of mucin producing cells. They play a key role in the maintenance of the surface integrity of oral mucosa and enhance healing of the gastrointestinal mucosa by a process called restitution. TFF comprises the gastric peptides (TFF1), spasmolytic peptide (TFF2), and the intestinal trefoil factor (TFF3). They have an important and necessary role in epithelial restitution within the gastrointestinal tract. 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 disulfide bonds. They are stable secretory proteins expressed in gastrointestinal mucosa. Trefoil Factor 3(TFF3) is involved in the maintenance and repair of the intestinal mucosa. TFF3 promotes the mobility of epithelial cells in healing processes (motogen)