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32-7567: Recombinant Mouse Trefoil Factor 1/TFF1 (C-6His)(Discontinued)

Gene : Tff1
Gene ID : 21784
Uniprot ID : Q08423

Description

Source: Human Cells.
MW :8.3kD.
Recombinant Mouse Trefoil Factor 1 is produced by our Mammalian expression system and the target gene encoding Gln22-Phe87 is expressed with a 6His at the C-terminus. Trefoil Factor 1 (TFF1) belongs to the three structurally related secreted proteins that contain trefoil domains.TFF1 is an approximately peptide that has an important effect in epithelial regeneration and wound healing.It originates from musculus and highly expressed by goblet cells of the gastric and intestinal mucosa and by conjunctival goblet cells. TFF1 is a copper-binding protein that can form disulfide-linked homodimers, associate into disulfide-linked complexes with Gastrokine 2, and form non-covalent complexes with the mucin MUC5AC. TFF1 is down-regulated during the progression from gastritis to gastric dysplasia to gastric cancer, although it is up-regulated in breast and prostate cancers. TFF1 inhibits the formation of calcium oxalate crystals, and its excretion in the urine is reduced in patients with kidney stones.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	QAQAQAQAQEETCIMAPRERINCGFPGVTAQQCTERGCCFDDSVRGFPWCFHPMAIENTQEEEC PFHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Âµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/Âµg (1 IEU/Âµg) as determined by LAL test.