

# Human TFF3 Recombinant Protein



RPPB0965

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## Product Information   Protein Information

**Product SKU:**

RPPB0965

**Accession:**

Q07654

**Host:**

Escherichia Coli.

**Protein description:**

TFF3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 69 amino acids (22-80 a.a.) which includes a 10 amino acid His Tag fused at N-terminus and having a total molecular mass of 7.82 kDa. TFF3 Human Recombinant is purified by proprietary chromatographic techniques.

**Appearance:**

White lyophilized (freeze-dried) powder.

**Synonyms:**

TFF-3, ITF, TFI, HITF, hP1.B, TFF3, Trefoil factor 3, Intestinal trefoil factor.

**Formulation:**

The TFF3 protein was lyophilized from 0.4µm filtered solution at a concentration of 0.5mg/mL containing 20mM Tris pH-7.5 and 150mM NaCl.

**Purity:**

Greater than 95.0% as by SDS-PAGE.

**Solubility:**

Add deionized water to a working concentration approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by appropriate sterile filter before using it in the cell culture.

**Stability:**

Lyophilized TFF3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TFF3 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MKHHHHHHAS EEYVGLSANQ CAVPAKDRVD CGYPHVTPE CNNRGCCFDS RIPGVPWCFK PLQEAECTF.