

Trefoil Factor-3 Human Recombinant, His Tag

Item Number	rAP-0746
Synonyms	TFF-3, ITF, TFI, HITF, hP1.B, TFF3, Trefoil factor 3, Intestinal trefoil factor.
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 tech-
Uniprot Accesion Number	Q07654
Amino Acid Sequence	MKHHHHHHAS EEYVGLSANQ CAVPAKDRVD CGYPHVTPE CNNRGCCFDS RIPGVPWCFK PLQE-AECTF.
Source	Escherichia Coli.
Physical Appearance and Stability	White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	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. Greater than 95.0% as by SDS-PAGE.
Application	
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.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**