

Recombinant Human TFF3

Cat No:HR2R1996

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	TFF3
Gene ID	7033
Accession	Q07654
Alternative Name	Intestinal trefoil factor, ITF, Polypeptide P1.B, hP1.B Recombinant Human Trefoil Factor 3 (TFF3)
Species	Human
Source	E. coli
Description	Found in the gastrointestinal tract, the three Trefoil proteins, TFF1, 2, and 3 have been shown to play an important role in intestinal mucosal defence and repair. In addition to being expressed by goblet cells and in the uterus, TFF3 has also been shown to express in certain cancers providing a potential use as a molecular marker for those cancers.
Functions	The ED(50) was determined by the dose-dependent proliferation of KTC cells and was found to be $\leq 0.5\text{ng/mL}$.
Formulation	Lyophilized from a 0.2 ?m filtered solution in PBS
Solubility	Reconstitute at 100 ?g/mL in sterile PBS
Appearance	Lyophilized Powder
Molecular Weight	6.8
Purity	>95% as determined by SDS-PAGE
Concentration	<math>< 1.0\text{ EU/?g}</math> of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70?C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.