

Recombinant Human TFF1

Cat No:HR2R1991

For research use only

Overview

Quantity	100 µg
Gene Symbol	TFF1
Gene ID	7031
Accession	P04155
Alternative Name	TFF1, Breast cancer estrogen-inducible protein, BCEI, PNR-2, Polypeptide P1.A, Protein pS2 Recombinant Human Trefoil Factor 1 (TFF1)
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. Specifically, TFF1 is essential for normal differentiation of the antral and pyloric gastric mucosa and functions as a gastric-specific tumor suppressor gene.
Functions	The ED(50) was determined by the dose-dependent proliferation of MCF7 cells and was found to be <0.5ng/mL.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS
Solubility	Reconstitute at 100 µg/mL in sterile PBS
Appearance	Lyophilized Powder
Molecular Weight	6.9
Purity	>95% as determined by SDS-PAGE
Concentration	< 1.0 EU/µg 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.