

Human TFF1 Recombinant Protein



RPPB0961

Product Information Protein Information

Product SKU:

RPPB0961

Accession:

P04155

Host:

Escherichia Coli.

Protein description:

TFF-1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 70 amino acids (25-84) which includes a 10 amino acid His Tag and having a total molecular mass of 7.9 kDa. TFF-1 Human Recombinant is purified by proprietary chromatographic techniques.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

TFF-1, TFF1, pS2, BCEI, HPS, HP1.A, pNR-2, D21S21, pS2 protein, Trefoil factor 1, Breast cancer estrogen-inducible protein.

Formulation:

The TFF1 His Tag protein was lyophilized from 0.4µm filtered solution at a concentration of 0.5mg/ml containing 20mM Tris pH-7.5 and 20mM NaCl.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Lyophilized TFF1 His Tag although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TFF1 His Tag 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 EAQTETCTVA PRERQNCGFP GVTPSQCANK GCCFDDTVRG VPWCFYPNTI DVPPEEECEF.