



RayBiotech, Inc.

The protein array pioneer company

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Certificate of Analysis and Data Sheet

Recombinant Human Trefol factor 1 (TFF1)

[Product Catalog # 230-00253](#)

Synonyms

TFF-1, TFF1, pS2 protein, Trefol factor 1,
Breast cancer estrogen-inducible protein.

Source

- *Escherichia coli* derived.
- Protein Accession #. AAX41076 (Glu25-Phe84)

Predicted Molecular Mass

~ 10 kDa.

Purity

>95%, determined by SDS-PAGE under reducing conditions and visualized by
Commassie blue staining (See the image above).

Formulation

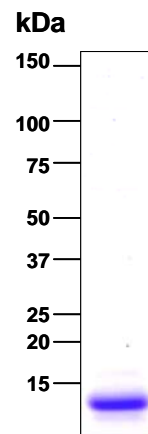
Lyophilized from a 0.2 μ m filtered solution in 100 mM NaH₂PO₄, 10 mM Tris-HCl (pH 8), 100 mM imidazole, and 1% sucrose. Protein concentration prior to lyophilization was 0.78 mg/mL.

Reconstitution

Briefly spin the vial prior to opening and bring the contents to the bottom. It is recommended to reconstitute at approximately 0.5-1 mg/mL with sterile deionized water.

Stability & Storage

- Upon arrival, the lyophilized products may be stored for 2 weeks at 2 to 8 °C. For long term storage, it is recommended to be stored desiccated below -20 °C in a manual defrost freezer.
- Following reconstitution, the protein may be stored for 2 weeks at 2 to 8 °C. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA) and store at -20 °C or -80 °C in aliquots. ***Avoid repeated freeze-thaw cycles.**



The products are furnished for LABORATORY RESEARCH USE ONLY.

Not for therapeutic use.