

**TFF1, human recombinant protein**  
pS2 protein, HP1.A, Breast Cancer Estrogen-Inducible protein (BCEI), PNR2  
Catalog # PBV10467r

### Specification

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#### TFF1, human recombinant protein - Product info

Primary Accession [P04155](#)  
Calculated MW **8.2 kDa** KDa

#### TFF1, human recombinant protein - Additional Info

Gene ID **7031**  
Gene Symbol **TFF1**

##### Other Names

pS2 protein, HP1.A, Breast Cancer Estrogen-Inducible protein (BCEI), PNR2, Breast cancer estrogen-inducible protein, PNR-2, Polypeptide P1.A, Protein pS2

Gene Source **Human**  
Source **E. coli**  
Assay&Purity **SDS-PAGE; ≥98%**  
Assay2&Purity2 **HPLC; ≥98%**  
Recombinant **Yes**  
Results **5-10 µg/ml**

##### Application Notes

Reconstitute in H<sub>2</sub>O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers

##### Format

Lyophilized protein

##### Storage

-20°C; Sterile filtered and lyophilized with no additives

#### TFF1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### TFF1, human recombinant protein - Images

#### TFF1, human recombinant protein - Background

The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are expressed in the gastrointestinal tract, and appear to play an important role in intestinal mucosal defense and repair. Recombinant human TFF1 is a 8.2 kDa polypeptide containing 60 amino acid residues.

#### **TFF1, human recombinant protein - References**

- Jakowlew S.B., et al. Nucleic Acids Res. 12:2861-2878(1984).  
Prud'Homme J.-F., et al. DNA 4:11-21(1985).  
Jeltsch J.-M., et al. Nucleic Acids Res. 15:1401-1414(1987).  
Takahashi H., et al. FEBS Lett. 261:283-286(1990).  
Mori K., et al. J. Biochem. 107:73-76(1990).