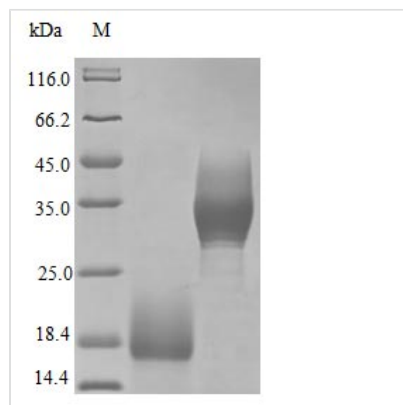




# Recombinant Human Trefoil factor 3 protein (TFF3)

<b>Product Code</b>	CSB-AP000361HU
<b>Abbreviation</b>	Recombinant Human TFF3 protein (Active)
<b>Uniprot No.</b>	Q07654
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
<b>Product Type</b>	Others
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Fully biologically active when compared to standard. The ED50 as determined by a chemotaxis bioassay using human MCF-7 cells is less than 10 µg/ml, corresponding to a specific activity of >100 IU/mg.
<b>Purity</b>	>97% as determined by SDS-PAGE.
<b>Sequence</b>	EEYVGLSANQ CAVPAKDRVD CGYPHVTPE CNNRGCCFDS RIPGVPWCFFK PLQEAECTF
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.Coli
<b>Target Names</b>	TFF3
<b>Expression Region</b>	22-80aa
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	6.6 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>PubMed ID</b>	8346203; 9070946; 10950923; 10830953; 15489334; 14637006; 8454642; 15340161; 19670903; 10824705; 11694446; 18209; 14690424

## Image



## Description

Recombinant Human TFF3 is a premium-quality, tag-free full-length mature protein representing the 22-80aa expression region of Trefoil factor 3. Expertly



crafted for use in signal transduction research, this protein is expressed in E. coli and features a purity of over 97%, as determined by SDS-PAGE and HPLC. Moreover, endotoxin levels are below 1.0 EU/μg, as verified by the LAL method, ensuring minimal interference in your experiments.

Recombinant Human TFF3 is fully biologically active, with an ED<sub>50</sub>, as determined by a chemotaxis bioassay using human MCF-7 cells, of less than 10 μg/mL. This corresponds to a specific activity of ? 100 IU/mg, highlighting the protein's effectiveness across diverse research applications. Provided in a lyophilized powder form, this product offers convenient storage and use for a broad range of experimental setups.

---

**Endotoxin**

Less than 1.0 EU/μg as determined by LAL method.

---

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.