



# Recombinant Human Trefoil factor 2 protein (TFF2) (Active)

<b>Product Code</b>	CSB-AP000351HU
<b>Abbreviation</b>	Recombinant Human TFF2 protein (Active)
<b>Uniprot No.</b>	Q03403
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered 20 mM PB, pH 7.4, 130mM NaCl
<b>Product Type</b>	Other
<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 ng/ml, corresponding to a specific activity of $>1.0 \times 10^5$ IU/mg.
<b>Purity</b>	$\geq 97\%$ as determined by SDS-PAGE.
<b>Sequence</b>	EKPSPCQCSR LSPHNRTNCG FPGITSDQCF DNGCCFDSSV TGVPWCFHPL PKQESDQCVM EVSDRRNCGY PGISPEECAS RKCCFSNFIF EVPWCFFPKS VEDCHY
<b>Research Area</b>	Cell Biology
<b>Source</b>	E.coli
<b>Target Names</b>	TFF2
<b>Expression Region</b>	24-129aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	12.0 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>PubMed ID</b>	2303034; 9070946; 10950923; 15489334

## Image





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**Endotoxin**

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

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**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.