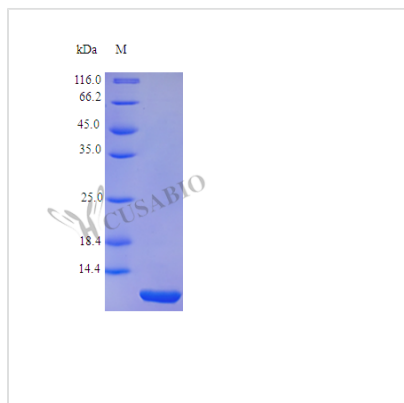




Recombinant Human Trefoil factor 1 protein (TFF1) (Active)

Product Code	CSB-AP000341HU
Abbreviation	Recombinant Human TFF1 protein (Active)
Uniprot No.	P04155
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM PB, pH 7.4, 150mM NaCl
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	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.
Purity	≥97% as determined by SDS-PAGE.
Sequence	EAQTETCTVA PRERQNCGFP GVTPSQCANK GCCFDDTVRG VPWCFYPNTI DVPPEEECEF
Research Area	Signal Transduction
Source	E.coli
Target Names	TFF1
Expression Region	25-84aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	6.7 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	6324130; 3838275; 3822834; 2311759; 2185238; 10950923; 10830953; 15489334; 3146413; 15924415; 16308573; 3261981; 15340161; 3041593; 16718800; 17143957; 17242463; 8521850; 9096235; 10982763; 16697734

Image


Endotoxin

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

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.

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.