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TFF3 Protein (AA 22-80) (GST-His-Tag)



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Quantity:	100 μg
Target:	TFF3
Protein Characteristics:	AA 22-80
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFF3 protein is labelled with GST-His-Tag.

Product Details

Sequence:	Glu 22- Phe 80
Characteristics:	A DNA sequence encoding the Human Trefoil factor 3/TFF3 protein (Q07654) (Glu 22- Phe 80) was expressed with a N-GST&C-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	TFF3
Alternative Name:	Trefoil factor 3 (TFF3 Products)
Background:	Abbreviation: Trefoil factor 3,TFF3
	Target Synonym: Trefoil factor 3,TFF3,Intestinal trefoil factor (hITF)
	Background: Trefoil Factor 3 (TFF3) is one of three trefoil peptides secreted by epithelial cells
	that line mucus membranes. Trefoils contribute to protection and repair of the gastrointestinal

Target Details

Molecular Weight:

tract. TFF3 is secreted by mucus-producing goblet cells in the large and small intestines and
lower respiratory tract. It is mainly active as a disulfide-linked homodimer. The mature 59 aa,
6.5 kDa human TFF3 contains one trefoil structure formed by intramolecular disulfides and
shows 76 % aa identity with mouse TFF3.
Calculated MW: 31.38 kDa

UniProt:

Q07654

Application Details

Restrictions:

For Research Use only

Observed MW: 25 kDa

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months