

# Product Datasheet

## Recombinant Human TFF2 Protein NBP2-35058-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-35058-5ug****Recombinant Human TFF2 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	5ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
<b>Purity</b>	> 97 % pure by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl.
<b>Target Molecular Weight</b>	12.0 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 106 amino acids corresponding to TFF2, which includes a 40-amino acid trefoil motif containing three conserved intramolecular disulfide bonds <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> Q03403</p> <p><b>Amino Acid Sequence:</b> <i>EKPSPCQCSR LSPHNRTNCG FPGITSDQCF DNGCCFDSSV TGVPWCFHPL PKQESDQCVM EVSDRRNCGY PGISPEECAS RKCCFSNFIF EVPWCFFPKS VEDCHY</i></p>
<b>Gene ID</b>	7032
<b>Gene Symbol</b>	TFF2
<b>Species</b>	Human
<b>Details of Functionality</b>	Spasmolytic Polypeptide protein is 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 x 10 <sup>5</sup> IU/mg.
<b>Endotoxin Note</b>	Less than 1 EU/ug of TFF2 as determined by LAL method.

<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity





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### **Products Related to NBP2-35058-5ug**

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NBP2-34032PEP	TFF2 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
MAB4077	TFF2 Antibody (366508) [Unconjugated]
M6000B-1	IL-6 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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