

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

| Product Information | |
|-----------------------------|---|
| Unit Size | 5ug |
| Concentration | Lyoph |
| Storage | 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. |
| Preservative | No Preservative |
| Reconstitution Instructions | 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. |
| Purity | > 97 % pure by SDS-PAGE and HPLC |
| Buffer | Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl. |
| Target Molecular Weight | 12.0 kDa |

| Product Description | |
|--------------------------|--|
| Description | 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 Source: <i>E. coli</i> Uniprot ID: Q03403 Amino Acid Sequence: <i>EKPSPCQCSR LSPHNRTNCG FPGITSDQCF DNGCCFDSSV TGVPWCFHPL PKQESDQCVM EVSDRRNCGY PGISPEECAS RKCCFSNFIF EVPWCFFPKS VEDCHY</i> |
| Gene ID | 7032 |
| Gene Symbol | TFF2 |
| Species | Human |
| Details of Functionality | 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 ⁵ IU/mg. |
| Endotoxin Note | Less than 1 EU/ug of TFF2 as determined by LAL method. |

| Product Application Details | |
|-----------------------------|-----------------------|
| Applications | SDS-Page, Bioactivity |
| Recommended Dilutions | SDS-Page, Bioactivity |



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Products Related to NBP2-35058-5ug

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

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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