

Trefoil Factor-3 Rat Recombinant

| | |
|--|--|
| Item Number | rAP-0747 |
| Synonyms | Trefoil factor 3, Intestinal trefoil factor, rITF, Polypeptide P1.B, rP1.B, Tff3, Itf. |
| Description | The Trefoil Factor-3 Rat was constructed as a recombinant protein with a 9 a.a C-terminal fusion of Flag-Tag (1 aa N-terminal+8 aa C-terminal). The TFF3 Rat produced in E.coli, is 7.7kDa protein containing a total of 68 amino acid residues. |
| Uniprot Accesion Number | Q03191 |
| Amino Acid Sequence | MQEFVGLSPS QCMVPANVRV DCGYPTVTSE QCNNRGCCFD SSIPNVPWCF KPLQETECT F DYKDDDDK. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. |
| Formulation and Purity | TFF3 protein filtered (0.4µm) and lyophilized in 0.5mg/ml in 20mM TRIS and 50mM NaCl, pH 7.5. Greater than 95.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before use. |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**