产品名称：Recombinant Mouse TFF2 (C-6His)
产品货号：PHM1617

概述（Summary）

英文全称	TFF2/Trefoil factor 2
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Mouse Trefoil Factor 2 is produced by our Mammalian expression system and the target gene encoding Glu24-Tyr129 is expressed with a 6His tag at the C-terminus.
Accession #	Q03404
表达宿主（Host）	Human Cells
种属（Species）	Mouse
预测分子量（Predicted MW）	12.7 KDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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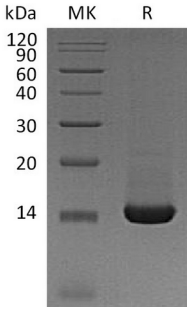

背景（Background）

分子别名（Alternative Names）	Trefoil Factor 2; Spasmolytic polypeptide; SP; Tff2; Sml1; Sp
背景介绍（References）	Recombinant Murine TFF-2 is an 11.9 kDa polypeptide of 106 amino acid residues, which includes a 40-amino acid trefoil motif containing three conserved intramolecular disulfide bonds. The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are expressed in the gastrointestinal tract, and appear to play an important role in intestinal mucosal defense and repair. TFF2 has been shown to inhibit gastrointestinal motility and gastric acid secretion. Recent data suggests a potential role for TFF2 in acute and chronic asthma. It inhibits gastrointestinal motility and gastric acid secretion. As a structural component of gastric mucus, it possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains.

注意事项（Note）

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