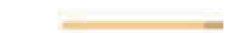


# CHAMOT

重组小鼠TNF相关的凋亡弱诱导剂 / Recombinant  
TWEAK, Mouse, Animal-Free

CM047-5MP



CM047-20MP



CM047-100MP



CM047-500MP



CM047-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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## 重组小鼠TNF相关的凋亡弱诱导剂 /Recombinant TWEAK, Mouse, Animal-Free

产品编号	CM047-5MP	CM047-20MP	CM047-100MP	CM047-500MP	CM047-1000MP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

TNF-related Weak Inducer of Apoptosis (TWEAK) is a type II membrane protein of the tumor necrosis factor (TNF) family members, high levels expression in mouse peritoneal macrophages. The murine and human TWEAK homologs are very close related (~93% sequence identity in the receptor-binding domain). TWEAK is a 17.3 kDa protein containing 129 residues. TWEAK induce apoptosis through cognate receptor Fn14 activate caspase-8 and caspase-3, in HSC3 cells KATO-III gastric adenocarcinoma cells and IFN- $\gamma$ -treated HT-29. TWEAK stimulate inflammatory cytokines in HT-29, A375 cells, WI-38 fibroblast sand astrocytes.

<b>背景描述</b>	TNF-related weak inducer of apoptosis, TNFSF12, DR3LG, Apo3 Ligand, AI255180, C87282, Fn1, Fn14, HPIP, TWEAK-R, Twea, TweakR, Tnfrsf12a
<b>别称</b>	O54907
<b>分子量</b>	The protein has a calculated MW of 18.14 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
<b>表达系统</b>	Escherichia coli
<b>纯度</b>	>98% as determined by SDS-PAGE.
<b>生物活性</b>	Measure by its ability to induce proliferation in HUVEC cells. The ED <sub>50</sub> for this effect is <0.2 µg/mL.
<b>内毒素检测</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>蛋白序列</b>	MSAPKGRKARPRRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEETKINSSPLRYDRQIGEFT VIRAGLYYLYCQVHFDEGKAVYLKLDLLVNGVLALRCLEEFSTATAASSPGPQLRLCQVSGLLPLR PGSSLIRITLPWAHLKAAPFLTYFGLFQVH with polyhistidine tag at the C-terminus.
<b>产品形式</b>	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.

## 产品使用

1. Before opening, centrifuge at 3000 rpm for 5 mins.

### 2. Initial Reconstitution

- Reconstitute the Lyophilized Protein in sterile H<sub>2</sub>O to a concentration of 100-200 µg/mL.
- Then, incubate it at room temperature for at least 20 mins to ensure sufficient dissolution.  
*Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.*
- Store at 2°C to 8°C for up to 1 week.

### 3. Extended Storage

- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/ml.
- Prepare aliquots ( $\geq 20 \mu\text{l}$ ).
- Store at -20°C or -80°C for 3 to 6 months.

*Avoid repeated freeze-thaw cycles.*

## 产品储存/运输

**Lyophilized Protein:** Store at -20°C for 1 year.

储存

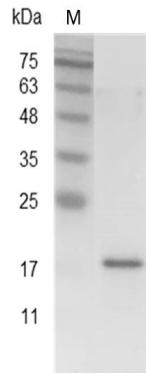
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**Extended Storage:** Store at -20°C or -80°C for 3 to 6 months with a carrier protein or stabilizer.

运输

Blue Ice

## 实验数据展示



SDS-PAGE analysis of recombinant mouse TWEAK

For Research Use or Further Manufacturing Only

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