

### TWEAK/TNFSF12, Mouse, Recombinant

货号: PCK331

## 产品信息

别名 TNFSF12, DR3LG, Apo3 Ligand, AI255180, C87282, Fn1, Fn14, HPIP, TWEAK-

R, Twea, TweakR, Tnfrsf12a

物种 Mouse

表达宿主 E.coli

序列信息 MSAPKGRKARPRRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEETKINSSS

PLRYDRQIGEFTVIRAGLYYLYCQVHFDEGKAVYLKLDLLVNGVLALRCLE EFSATAASSPGPQLRLCQVSGLLPLRPGSSLRIRTLPWAHLKAAPFLTYFGL

FQVH with polyhistidine tag at the C-terminus.

检索号 Q9CR75.1

分子量 18.14 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce proliferation in HUVEC cells. The ED50 for this

effect is <0.2 μg/mL.

# 产品特性

纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1%BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

7.4.

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#### 复融

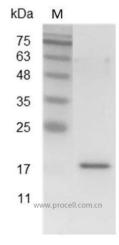
It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu$ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## 背景介绍

TWEAK belongs to the TNF family of ligands, and also known as TNFRSF12A through TWEAK receptor signaling. TWEAK wildly expresses in a variety of tissues, including the adult heart, pancreas, skeletal muscle, small intestine, spleen and peripheral blood lymphocytes. TWEAK has the ability to trigger activation and chemokine secretion of NF- $\kappa$ B, and to apply an apoptotic activity in certain cells, such as HT-29 human cultured adenocarcinoma cells feeding with IFN- $\gamma$ . TWEAK also promotes proliferation and migration of endothelial cells.

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#### **SDS-PAGE**



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