

## 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 PLRYDRQIGFTVIRAGLYLYCQVHFDEGKAVYLKLDLLVNGVLAALRCLE EFSATAASSPGPQLRLCQVSGLLPLRPGSSLRIRTLTPWAHLKAAPFLTYFGL 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.



## 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu\text{g/mL}$ . 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 widely 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- $\kappa\text{B}$ , 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.

## SDS-PAGE

