

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 EFSATAASSPGPQLRLCQVSGLLPLRPGSSLRIRTLPPWAHLKAAPFLTYFGL 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 µg/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-κB, and to apply an apoptotic activity in certain cells, such as HT-29 human cultured adenocarcinoma cells feeding with IFN-γ. TWEAK also promotes proliferation and migration of endothelial cells.

SDS-PAGE

