

TWEAK/TNFSF12, Mouse, Recombinant**Cat. No. : GPCK331****产品信息**

物种	Mouse
表达宿主	E.coli
序列信息	MSAPKGRKARPRRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEETKINSSSPLRYDRQIGFT VIRAGLYYLYCQVHFDEGKAVYLKDLLVNGVLALRCLEEFSAATAASSPGPQLRLCQVSGLLPL RPGSSLRIRTLPWAHLKAAPFLTYGFLFQVH with polyhistidine tag at the C-terminus.
检索号	Q9CR75.1
标签	His-tag at the C-terminus
分子量	18.14 kDa
有效期	12 months
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

内毒素 (EU/µg)	< 0.1
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 1 × PBS, pH 7.4.
复溶	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.

