

TNF- α /TNFA/TNFSF2, Swine, Recombinant**Cat. No. : GPCK344****产品信息**

物种	Swine
表达宿主	E.coli
序列信息	MLRSSSQTS DKPVAHVVANVKAEGQLQWQSGYANALLANGVKLKDNQLVVP TDGLYLIYSQ VLFRGQGCPSTNVFLTHTISRIAVSYQTKVNLLSAIKSPCQRETPEGAEAKPWYEPIYLGGVFQ LEKDDRLSAEINLPDYLDFAESGQVYFGIIAL with polyhistidine tag at the C-terminus.
检索号	P23563.1
标签	His-tag at the C-terminus
分子量	18.1 kDa
有效期	12 months
生物活性	Measure by its ability to induce cytotoxicity in PK15 cells in the presence of the actinomycin D. The ED50 for this effect is < 15 pg/mL.

产品特性

内毒素 (EU/ μ g)	< 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 μ m filtered solution containing 1 \times PBS, pH 7.4.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μ g/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

TNF- α is a kind of pleiotropic pro-inflammatory cytokine. It is secreted by various cells, such as adipocytes, activated monocytes, macrophages, B cells, T cells and fibroblasts. Proteolysis of the integral membrane precursor form of TNF- α from cells soluble can release homotrimeric TNF- α . TNF- α can bind with some TNF- α receptors induces apoptosis, besides, also trigger other responses depending on cell type, receptor expression, and signal transduction status. TNF- α participate in the inflammatory response.

