

## IL-32 $\alpha$ /NK4/TAIF, Human, Recombinant

货号 : PCK275

### 产品信息

别名	IL-32alpha, IL-32beta, IL-32delta, IL-32gamma, NK4, TAIF, TAIFa, TAIFb, TAIFc, TAIFd
物种	Human
表达宿主	E.coli
序列信息	MCFPKVLSDDMKKLRMHQAIFRYDKMQNAESGRGQVMSSLALEDD FKEGYLETVAAYYEEQHPELTPLEKERDGLRCRGNRSPVPDVEDPATEEP GESFCDKSYGAPRGDKEELTPQKCSEPOSSK with polyhistidine tag at the C-terminus .
检索号	P24001.3
分子量	15.72 kDa
标签	His-tag at the C-terminus
生物活性	Measure by its ability to induce TNF alpha secretion in RAW264.7 cells.The ED50 for this effect is <10 $\mu$ g/mL.

### 产品特性

纯度	>98% as determined by SDS-PAGE. Ni-NTA chromatography
内毒素	<0.1 EU per 1 $\mu$ g 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 $\mu$ m filtered solution containing 1X PBS, pH 8.0.



## 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

Interleukin-32 $\alpha$  (IL-32  $\alpha$ ) is one of approximately 6 splice variants of a gene cloned from the human lung carcinoma stable transfectant, A549-R $\beta$ . IL-32  $\alpha$  has been shown to induce IL-8, TNF- $\alpha$ , and MIP-2 production from human & mouse macrophage cell lines. It is up-regulated in activated T- & NK-cells, and IFN-g-treated epithelial cells.

## SDS-PAGE

