

IL-32 α /NK4/TAIF, Human, Recombinant

Cat. No. : PCK275

General Information

Synonyms	IL-32alpha;IL-32beta;IL-32delta;IL-32gamma;NK4;TAIF;TAIFa;TAIFb;TAIFc;TAIFd
Species	Human
Expression host	E.coli
Sequence	MCFFPKVLSDDMKKLKARMHQAIERFYDKMQNAESGRGQVMSSLALEDDFKEGYLETVAAYY EEQHPELTPLLEKERDGLRCRGNRSPVPDVEDPATEEPGESFCDKSYGAPRGDKEELTPQKCSE PQSSK with polyhistidine tag at the C-terminus.
Accession	P24001.3
Tag	His-tag at the C-terminus
Mol mass	15.72 kDa
Expiration date	12 months
Bio activity	Measure by its ability to induce TNF alpha secretion in RAW264.7 cells. The ED50 for this effect is < 10 μ g/mL.

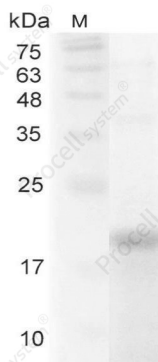
Product feature

Purity	> 98% as determined by SDS-PAGE. Ni-NTA chromatography
Endotoxin (EU/μg)	< 0.1
Storage	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.
Shipping	Ice bag
Formulation	The protein was lyophilized from a 0.2 μ m filtered solution containing 1 $\times$ PBS, pH 8.0.
Reconstitution	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.

Background

Interleukin-32 α (IL-32 α) is one of approximately 6 splice variants of a gene cloned from the human lung carcinoma stable transfectant, A549-R β . IL-32 α has been shown to induce IL-8, TNF- α , 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



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