

Bioactive

IL32 (Human) Recombinant protein

Catalog # P8825

Size 2 x 10 ug

Specification

Product Description	Human IL32 (P24001) recombinant protein expressed in <i>Escherichia Coli</i> .
Sequence	MCFPKVLSDD MKKLKARMHQ AIERFYDKMQ NAESGRGQVM SSLAELEDDF KEGYLETVAA Y YEEQHPELT PLLEKERDGL RCRGNRSPVP DVEDPATEEP GESFCDKSYG APRGDKEELT PQ KCSEPPQSS K.
Host	Escherichia coli
Theoretical MW (kDa)	14.9
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% by SDS-PAGE. > 97% by RP-HPLC.
Activity	Human IL-32 alpha activity is measured via the dose-dependent induction of TNF-alpha in the human THP-1 monocytic cell line.
Storage Buffer	Lyophilized from 50mM sodium Phosphate buffer, pH 7.5
Storage Instruction	Lyophilized although stable at room temperature for 3 weeks. should be stored desiccated below -20 °C. Upon reconstitution should be stored at 4°C between 2-7 days and for future use below -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL32

Entrez GeneID [9235](#)**Protein Accession#** [P24001](#)**Gene Name** IL32**Gene Alias** IL-32alpha, IL-32beta, IL-32delta, IL-32gamma, NK4, TAIF, TAIFa, TAIFb, TAIFc, TAIFd**Gene Description** interleukin 32**Omim ID** [606001](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations natural killer cell transcript 4|natural killer cells protein 4|tumor necrosis factor alpha-inducing factor