

Recombinant Human IL-32 α Protein

Cat. No. IL32-173H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-32 α Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Interleukin 32 alpha (IL-32 α) is one of six known splice variants of the IL-32 gene. IL-32 α induces the macrophage production of inflammatory cytokines, such as interleukin 8 (IL-8), tumor necrosis factor-alpha (TNF- α), and macrophage inflammatory protein 2 (MIP-2). IL-32 α expression is increased after the activation of T cells, natural killer (NK) cells, and interferon gamma-treated epithelial cells.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 14.9 kDa (131 aa)
AA Sequence	MCFPKVLSDDMKCLKARMHQAIERFYDKMQNAESGRGQVMSSLAELEDDDFKEGYL ETVAAYYEEQHPLELTPLEKERDGLRCRGNRSPVPDVEDPATEEPGESFCDKSYGA PRGDKEELTPQKCSEPOSSK
Endotoxin	≤ 1 EUs/ μ g, Kinetic LAL
Purity	$\geq 95\%$, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied.

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1 month when stored at 4 centigrade after reconstituting as directed.
 3 months when stored at -20 to -80 centigrade after reconstituting as directed.

Storage Storage Prior to Reconstitution: -20 centigrade

Storage Buffer Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 50 mM sodium phosphate, pH 7.5

Reconstitution Sterile water at 0.1 mg/mL

Shipping Room temperature

Instructions Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name [IL32 interleukin 32 \[Homo sapiens \(human\) \]](#)

Official Symbol [IL32](#)

Synonyms IL32; interleukin 32; interleukin-32; natural killer cell transcript 4; NK4; TAIF; TAIFb; TAIFd; interleukin-32 eta; interleukin-32 small; interleukin-32 theta; natural killer cells protein 4; tumor necrosis factor alpha-inducing factor; TAIFa; TAIFc; IL-32beta; IL-32alpha; IL-32delta; IL-32gamma;

Gene ID [9235](#)

mRNA Refseq [NM_001012631](#)

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Protein Refseq NP_001012649

MIM 606001

UniProt ID P24001

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