

Recombinant Human IL-32α Protein

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

SPECIFICATION

Product Overview	Recombinant Human IL-32α 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	MCFPKVLSDDMKKLKARMHQAIERFYDKMQNAESGRGQVMSSLAELEDDFKEGYL ETVAAYYEEQHPELTPLEKERDGLRCRGNRSPVPDVEDPATEEPGESFCDKSYGA PRGDKEELTPQKCSEPQSSK
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥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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