

Recombinant Human Interleukin 32, His-tagged

Cat. No. IL32-108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Interleukin 32, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography, 19.1 kDa (168aa).
Species	Human
Source	E.coli
Description	Interleukin 32 isoform A belongs to cytokine family. This protein expression is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. It has the ability to induce proinflammatory cytokines such as TNF α and IL8 in THP1 cells, and activates typical cytokine signaling pathways involving NF κ B and p38. IL-32 can also support osteoclast differentiation but not osteoclast activation by regulating the MAPK/ERK pathway and the actin cytoskeleton.
Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMCF PKVLSDDMKK LKARMHQAIE RFYDKMQNAE SGRGQVMSSL AELEDDFKEG YLETVAAYYE EQHPELTPLL EKERDGLRCR GNRSPVPDVE DPATEEPGES FCDKSYGAPR GDKEELTPQK CSEPQSSK
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

[interleukin 32 \[Homo sapiens \]](#)

Synonyms

IL32; interleukin 32; NK4; TAlF; TAlFa; TAlFb; TAlFc; TAlFd; IL-32beta; IL-32alpha; IL-32delta; IL-32gamma; natural killer cells protein 4; natural killer cell transcript 4; tumor necrosis factor alpha-inducing factor

Gene ID

[9235](#)

mRNA Refseq

[NM_001012631](#)

Protein Refseq

[NP_001012649](#)

MIM

[606001](#)

UniProt ID

[P24001](#)

**Chromosome
Location**

16p13.3

Function

cytokine activity

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