

Active Recombinant Human IL32

Cat. No. IL32-419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL32 (Accession # AAS80146) Cys2-Lys131 was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	2-131 a.a.
Predicted N Terminal	Cys2
Form	Lyophilized from a 0.2 µ filtered solution in PBS and DTT.
Bio-activity	Measured by its ability to induce TNF-alpha secretion by RAW 264.7 mouse monocyte/macrophage cells under serum free conditions in the presence of muramyl dipeptide (MDP) and Polymyxin B. Netea, M.G. et al. (2005) Proc. Nat. Acad. Sci. 102:16309. The ED50 for this effect is typically 2 - 12 µg/mL.
Molecular Mass	Recombinant Human IL32 has a calculated MW of 14.9 kDa. In SDS-PAGE migrates as 18.8 kDa, reducing conditions.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

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

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](#)

Protein Refseq [NP_001012649](#)

MIM [606001](#)

UniProt ID P24001

Chromosome Location 16p13.3

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