

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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