

Active Recombinant Human IL32

Cat. No. IL32-640H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL32 (Accession # NP_001012649) was produced in E. coli-derived.
Species	Human
Source	E.coli
Predicted N Terminal	Met
Form	Supplied as a 0.2 µ filtered solution in HEPES, NaCl, DTT and CHAPS.
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 10 µg/mL of Polymyxin B. Kim, S.H. et al. (2005) Immunity 22:131. The ED50 for this effect is typically 10-50 ng/mL.
Molecular Mass	Recombinant Human IL32 has a calculated MW of 23.1 kDa. In SDS-PAGE migrates as 28 kDa & some aggregates, reducing conditions.
Purity	>90%, 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 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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