

Recombinant Active Human IL32 Protein, His-tagged(C-ter)

Cat. No. IL32-190H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human IL32 Protein with His tag (C-ter) was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Form	Powder
Bio-activity	Determined by its ability to induce TNF alpha secretion in RAW264.7 cells. The ED50 for this effect is < 10 µg/mL.
AA Sequence	MCFPKVLSDDMKCLKARMHQAIERFYDKMQNAESGRGQVMSSLAELEDDFKEGYL ETVAAYYEEQHPLELTPLEKERDGLRCRGNRSPVPDVEDPATEEPGESFCDKSYGA PRGDKEELTPQKCSEPPQSSK
Endotoxin	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.

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Purity	> 98% (by SDS-PAGE)
Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

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

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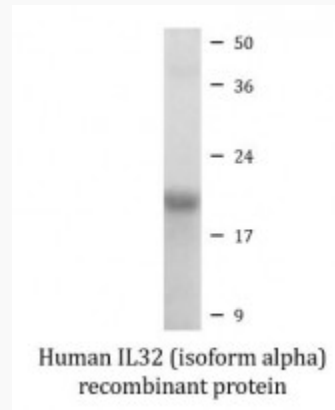
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Protein Refseq NP_001012649

MIM 606001

UniProt ID P24001

SDS-PAGE



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