

Recombinant Human IL32 Protein, His tagged

Cat. No. IL32-20H Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------|---|
| Species | Human |
| Source | HEK293 |
| ProteinLength | 1-131 aa |
| 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. |
| Molecular Mass | 22 kDa |
| AA Sequence | MCFPKVLSDDMKKCLKARMVMLLPTSAQGLGAWVSACDTEDTVGHLPWRDKDPA LWCQLCLSSQHQAIERFYDKMQNAESGRGQVMSSLAELEDDFKEGYLETVAAYYE EQHPELTPLLEKERDGLRCRG |
| Endotoxin | Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg). |
| Purity | > 95%, as determined by SDS-PAGE and HPLC |
| Usage | This product is for research purposes only. It may not be used for therapeutics or |

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diagnostic purposes.

Storage

The lyophilized protein is stable for at least 2 years from date of receipt at -20 centigrade.

Storage Buffer

Recombinant IL32 was lyophilized from 0.2 µm filtered PBS solution pH7.4

Reconstitution

A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.

GENE INFORMATION

Gene Name

IL32 interleukin 32 [Homo sapiens (human)]

Official Symbol

IL32

Synonyms

IL32; interleukin 32; NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd; IL-32beta; IL-32alpha; IL-32delta; IL-32gamma; interleukin-32; interleukin-32 eta; interleukin-32 small; interleukin-32 theta; natural killer cell transcript 4; natural killer cells protein 4; tumor necrosis factor alpha-inducing factor

Gene ID

9235

mRNA Refseq

www.ncbi.nlm.nih.gov/nuccore/NM_004221.7

Protein Refseq

www.ncbi.nlm.nih.gov/protein/NP_004212.4

MIM

606001

UniProt ID

F8W1V1

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