

ARG70076 Human IL32 recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (C-ter) Active Human IL32 recombinant protein
Tested Application	SDS-PAGE
Target Name	IL32
Species	Human
A.A. Sequence	Met1 - Lys131
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to induce TNF alpha secretion in RAW264.7 cells. The ED50 for this effect is < 10 µg/mL.
Alternate Names	IL-32gamma; IL-32beta; IL-32delta; Interleukin-32; TAIFa; TAIFc; TAI Fb; NK4; TAI Fd; IL-32; TAI F; Natural killer cells protein 4; Tumor necrosis factor alpha-inducing factor; IL-32alpha

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

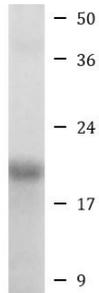
Gene Symbol	IL32
Gene Full Name	interleukin 32
Background	This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is 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]
Function	Cytokine that may play a role in innate and adaptive immune responses. It induces various cytokines such as TNFA/TNF-alpha and IL8. It activates typical cytokine signal pathways of NF-kappa-B and p38

MAPK. [UniProt]

Cellular Localization

Secreted. [UniProt]

Images



Human IL32 (isoform alpha)
recombinant protein

ARG70076 Human IL32 recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70076 Human IL32 recombinant protein (Active) (His-tagged, C-ter).