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Datasheet

IL32 (Human) Recombinant Protein

Catalog Number: P4565

Regulation Status: For research use only (RUO)

Product Description: Human IL32 (AAS80146) recombinant protein expressed in *Escherichia coli*.

Sequence:
MCFPKVLSDDMKKLKARMHQAIERFYDKMQNAESGR GQVMSSLAELEDDFKEGYLETVAAYYEEQHPELTPLL EKERDGLRCRGNRSPVPDVEDPATEEPGESFCDKSY GAPRGDKEELTPQKCSEPQSSK

Host: Escherichia coli

Theoretical MW (kDa): 14.9

Applications: Func, SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Endotoxin Level: < 0.1 EU/ug

Activity: The activity is determined by the dose-dependent induction of TNF alpha production from human PBMCs. The expected ED_{50} for this effect is 101-152 ng/mL.

Storage Buffer: Lyophilized with 50 mM Na_2PO_4, pH 7.5.

Storage Instruction: Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9235

Gene Symbol: IL32

Gene Alias: IL-32alpha, IL-32beta, IL-32delta, IL-32gamma, NK4, TAIF, TAIFa, TAIFb, TAIFc, TAIFd

Gene Summary: 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]