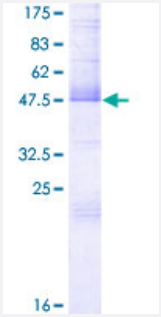
Full-Length

IL32 (Human) Recombinant Protein (P02)

Catalog # H00009235-P02 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IL32 full-length ORF (NP_001012649.1, 1 a.a. - 188 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MCFPKVLSDDMKKLKARMHQAIERFYDKMQNAESGRGQVMSSLAELEDDFKEGYLETVAAYYE EQHPELTPLLEKERDGLRCRGNRSPVPDVEDPATEEPGESFCDKVMRWFQAMLQRLQTWWHG VLAWVKEKVVALVHAVQALWKQFQSFCCSLSELFMSSFQSYGAPRGDKEELTPQKCSEPQSS K
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.1
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

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Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IL32

Entrez GeneID	9235
GeneBank Accession#	NM_001012631.1
Protein Accession#	NP_001012649.1
Gene Name	IL32
Gene Alias	IL-32alpha, IL-32beta, IL-32delta, IL-32gamma, NK4, TAIF, TAIFa, TAIFb, TAIFc, TAIFd
Gene Description	interleukin 32
Omim ID	606001
Gene Ontology	Hyperlink
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-attach ment 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 macrop hage cells. Alternate transcriptional splice variants, encoding different isoforms, have been chara cterized. [provided by RefSeq
Other Designations	natural killer cell transcript 4|natural killer cells protein 4|tumor necrosis factor alpha-inducing facto r

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