

Product datasheet for AR50324PU-N

OriGene Technologies, Inc.

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IFNA14 / Interferon alpha-14 (24-189, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: IFNA14 / Interferon alpha-14 (24-189, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

 ${\sf MGSSHHHHHH} \ {\sf SSGLVPRGSH} \ {\sf MGSHMCNLSQ} \ {\sf THSLNNRRTL} \ {\sf MLMAQMRRIS} \ {\sf PFSCLKDRHD}$

FEFPQEEFDG NQFQKAQAIS VLHEMMQQTF NLFSTKNSSA AWDETLLEKF YIELFQQMND

LEACVIQEVG VEETPLMNED SILAVKKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSLSFS TNLQKRLRRK

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Tag: His-tag
Predicted MW: 22.4 kDa
Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 0.2M NaCl, 2 mM DTT

Preparation: Liquid purified protein

Protein Description: Recombinant human IFNA14 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 002163

 Locus ID:
 3448

 UniProt ID:
 P01570

 Cytogenetics:
 9p21.3

Synonyms: Interferon alpha-H, Interferon lambda-2-H, LeIF H, IFN-alpha 14





Summary: Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the

production of two enzymes: a protein kinase and an oligoadenylate synthetase.

[UniProtKB/Swiss-Prot Function]

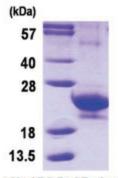
Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Antigen processing and presentation, Autoimmune thyroid disease, Cytokine-cytokine

receptor interaction, Cytosolic DNA-sensing pathway, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Regulation of autophagy, RIG-I-like receptor signaling

pathway, Toll-like receptor signaling pathway

Product images:



15% SDS-PAGE (3ug)