

## Product datasheet for **AR50324PU-N**

### 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:	MGSSHHHHHH SSGLVPRGSH MGSHEMCNLSQ THSLNRRRTL MLMAQMRRIS PFSCCLKDRHD FEFPQEEFDG NQFQKAQAIS VLHEMMQQTFLNFSTKNSSA AWDETLLLEKF YIELFQQMND LEACVIQEVG VEETPLMNED SILAVKKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSLSFS TNLQKRLRRK D
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:	<a href="#">NP_002163</a>
Locus ID:	3448
UniProt ID:	<a href="#">P01570</a>
Cytogenetics:	9p21.3
Synonyms:	Interferon alpha-H, Interferon lambda-2-H, LeIF H, IFN-alpha 14



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- 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:**