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Product datasheet for AR31174PU-N

Interleukin-24 / IL24 (His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Interleukin-24 / IL24 (His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	QEFHFGPCQV KGVVPQKLWE AFWAVKDTMQ AQDNITSARL LQQEVL QNVS DAESCYLVHT LLEFYLKTVF KNYHNRTVEV RTLKSFSTLA N NFVLIVSQL QPSQENEMFS IRDSAHRRFL LFRRAFKQLD VEAALTK ALG EVDILLTWMQ KFYKLHHHHHH
Tag:	His-tag
Predicted MW:	18.9 kDa
Purity:	>95% by SDS-PAGE and HPLC
Buffer:	Presentation State: Purified State: Lyophilized purified protein Stabilizer: None
Endotoxin:	< 0.1 ng per µg of IL-24
Reconstitution Method:	Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex
Preparation:	Lyophilized purified protein
Protein Description:	Recombinant Human IL-24 is an 18.9 kDa glycoprotein, containing 161 amino acid residues, including a C-terminal *His-tag.*
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001172085
Locus ID:	11009
UniProt ID:	Q13007
Cytogenetics:	1q32.1

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Synonyms:	C49A; FISP; IL10B; MDA7; MOB5; ST16
Summary:	This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce apoptosis selectively in various cancer cells. Overexpression of this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/HSP27) are found to be induced by this gene in melanoma cells, but not in normal immortal melanocytes. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway