

Recombinant Human IL24 Protein, His-tagged

Cat. No. IL24-934H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL24, transcript variant 1, fused with His tag at C-terminal was expressed in CHO cells.
Species	Human
Source	CHO
Description	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.
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Molecular Mass	18.9 kDa
AA Sequence	QEFHFGPCQVKGVPQKLWEAFWAVKDTMQAQDNITSARLLQQEVLQNVSDAESC YLVHTLLEFYLKTVFKNYHNRTVEVRTLKSFSTLANNFVLIVSQLQPSQENEMFSIRD SAHRRFLLFRRAFKQLDVEAALTALGEVDILLTWMQKFYKLHHHHHH

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Resuspend the protein in the desired concentration in proper buffer
GENE INFORMATION	
Gene Name	IL24 interleukin 24 [Homo sapiens]
Official Symbol	IL24
Synonyms	IL24; interleukin 24; ST16; interleukin-24; C49A; FISP; IL 4 induced secreted protein; IL 24; IL10B; mda 7; melanoma differentiation association protein 7; Mob 5; suppression of tumorigenicity 16 (melanoma differentiation); melanocyte-associated Mda-7; IL-4-induced secreted protein; melanoma differentiation-associated gene 7 protein; MDA7; MOB5;
Gene ID	11009
mRNA Refseq	NM_001185156
Protein Refseq	NP_001172085
MIM	604136
UniProt ID	Q13007