

Recombinant Human IL24 Protein, GST-tagged

Cat. No. IL24-5211H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human IL24 partial ORF (AAH09681, 58 a.a. - 167 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	37.73 kDa
AA Sequence	GPCQVKGVVPQKLWEAFWAVKDTMQAQDNITSARLLQQEVLQNVSDAESCYLEVHTLLEFYLKTVFKNYHNRTVEVRTLKSFSTLANNFVLIVSQLQPSQENEMFSIRDSA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

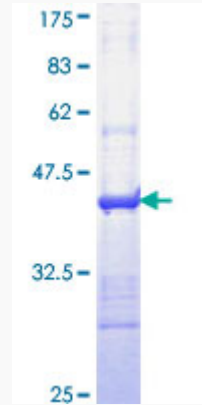
Gene Name	IL24 interleukin 24 [Homo sapiens]
Official Symbol	IL24
Synonyms	IL24; interleukin 24; ST16; interleukin-24; C49A; FISP; IL 4 induced secreted protein; IL 24; IL10B; mda 7; melanoma differentiation association protein 7; Mob 5; suppression of tumorigenicity 16 (melanoma differentiation); melanocyte-associated 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

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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