

Recombinant Human IL24 Protein, DYKDDDDK-tagged

Cat. No. IL24-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human interleukin 24(IL24) protein, transcript variant 1 (NM_006850), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
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	Purified protein formulated in a sterile solution of TBS buffer, pH7.102, without any preservatives.
Molecular Mass	18.9 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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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