

Recombinant Human IL24, GST-tagged

Cat. No. IL24-14189H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL24 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-207a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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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

Chromosome Location 1q32

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL23-mediated signaling events, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;

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Function

cytokine activity;

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