

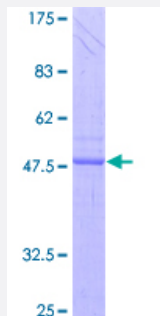
Full-Length

IL24 (Human) Recombinant Protein (P01)

Catalog # H00011009-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IL24 full-length ORF (AAH09681, 1 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNFQQRLQSLWTLASRPFCPLLATASQMQMVLPCLGFTLLLWSQVSGAQQGEFHGPCQVK GVVPQKLWEAFWAVKDTMQAQDNITSARLLQQEVLQNVSDAESCYLEHTLLEFYLKTVFKNYHN RTVEVRTLSFSTLANNFVLIVSQLQPSQENEMFSIRDSAHRRFLLFRRAFKQLDVEAALTKALGE VDILLTWMQKFYKL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.51
Interspecies Antigen Sequence	Mouse (66); Rat (63)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IL24

Entrez GeneID [11009](#)

GeneBank Accession# [BC009681](#)

Protein Accession# [AAH09681](#)

Gene Name IL24

Gene Alias C49A, FISP, IL-24, IL10B, MDA7, Mob-5, ST16, mda-7

Gene Description interleukin 24

Omim ID [604136](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations IL-24 splice variant delE3|IL-24 splice variant delE5|OTTHUMP00000034620|melanoma differentiation association protein 7|suppression of tumorigenicity 16 (melanoma differentiation)

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Chronic Disease](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Periodontitis](#)
- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)