

ARG70068 Human IL24 recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (C-ter) Active Human IL24 recombinant protein
Tested Application	SDS-PAGE
Target Name	IL24
Species	Human
A.A. Sequence	Gln52 - Leu206
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to chemoattract BaF3 cells transfected with human IL-20R alpha and IL-20R beta. The ED50 for this effect is < 120 pg/mL.
Alternate Names	IL10B; Interleukin-24; Melanoma differentiation-associated gene 7 protein; MDA7; MDA-7; C49A; ST16; FISP; Suppression of tumorigenicity 16 protein; IL-24; MOB5

Properties

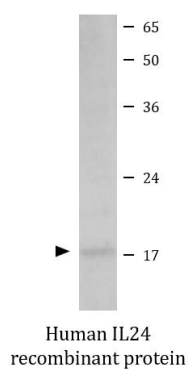
Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IL24
Gene Full Name	interleukin 24
Background	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, Jul 2008]

Function	Has antiproliferative properties on melanoma cells and may contribute to terminal cell differentiation. [UniProt]
PTM	Ubiquitination at Lys-122 promotes proteasomal degradation. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG70068 Human IL24 recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70068 Human IL24 recombinant protein (Active) (His-tagged, C-ter).