

Active Recombinant Human IL24 protein, His-tagged

Cat. No. IL24-1314H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL24 protein(Gln 52 - Leu 206), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln52-Leu206
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with Trehalose as protectant.
Bio-activity	Loaded Human IL-22 R alpha 1 Protein, Fc Tag on Protein A Biosensor, can bind Human IL-24 Protein, His Tag with an affinity constant of 1.71 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 20.0 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please protect from light and avoid repeated freeze-thaw cycles.This product is

 Tel: 1-631-559-9269 1-516-512-3133

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stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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