Active Recombinant Human IL24 Protein (Gln52-Leu206), C-His tagged, Animal-free, Carrier-free

Cat. No. IL24-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL24 Protein (Gln52-Leu206) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Gln52-Leu206
Description	Interleukin 24 (IL-24) predicts a molecular mass of 18.2 kDa, is a cytokine belonging to the IL-10 family of cytokines that signals through IL-20R1 /IL-20R2 and IL-22R1 /IL-20R2. Its normal physiological role relates to wound healing, protection against diseases caused by bacteria.
Form	Lyophilized
Bio-activity	Measure 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.
Molecular Mass	The protein has a calculated MW of 19.10 kDa. The protein migrates as 17 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>95% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL24 interleukin 24 [Homo sapiens (human)]
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

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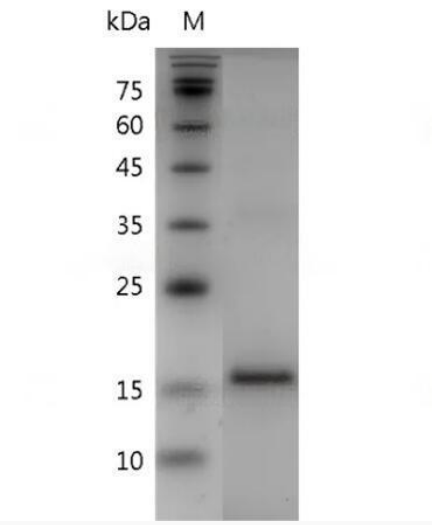
Protein Refseq	NP_001172085
MIM	604136
UniProt ID	Q13007
SDS-PAGE analysis of recombinant human IL-24.	

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