

Recombinant Hamster IL4 Protein, Met1-Phe147, C-His tagged

Cat. No. IL4-017H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Hamster IL4 Protein (Met1-Phe147) with C-His tag was expressed in HEK293.
Species	Hamster
Source	HEK293
ProteinLength	Met1-Phe147
Description	Interleukin 4 (IL-4) is a cytokine that functions as a potent regulator of immunity. It is secreted primarily by mast cells, Th2 cells, eosinophils, and basophils. IL-4 signals through the IL-4R α -chain which activates several pathways. This activation can lead to B cell proliferation, survival of T and B cells and chemokine production. IL-4 has been shown to have a role in allergic asthma through its regulation of TH2 cell proliferation and IgE synthesis, and atopy or excessive IgE production has been associated with elevated levels of IL-4 in response to allergens.
Form	Lyophilized
Molecular Mass	Predicted Molecular Mass: 18.5 kDa SDS-PAGE: 22.4-31.8 kDa
Purity	> 95% as analyzed by SDS-PAGE
Applications	ELISA and Western Blot Analysis

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Notes	For Research Use Only.
Storage	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution.
Storage Buffer	Lyophilized from 1×PBS with Trelahose
Shipping	Ambient
Reconstitution	Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% protein
GENE INFORMATION	
Gene Name	IL4 interleukin 4 [<i>Cricetulus griseus</i> (Chinese hamster)]
Official Symbol	IL4
Synonyms	IL4; interleukin 4; interleukin-4
Gene ID	100755642
mRNA Refseq	XM_003498480
Protein Refseq	XP_003498528
UniProt ID	Q60440

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**Hamster IL-4 (2 µg)
on a Coomassie
stained 4-12% SDS-
PAGE gel, reducing
conditions.**

118kDa-
98kDa-
62kDa-
49kDa-
38kDa-
28kDa-
14kDa-
6kDa-



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