Recombinant Full Length Hamster Il4 Protein, His tagged

Cat. No. IL4-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Hamster Il4 Protein, Sourced from HEK293, Met1-Phe147, with C-terminal His Tag.
Species	Hamster
Source	HEK293
ProteinLength	1-147 aa
Description	Interleukin 4 (IL-4) is a cytokine that 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 from 1× PBS with Trehalose
Molecular Mass	18.5 kDa
Purity	>95% by SDS-PAGE
Applications	ELISA and Western Blot Analysis

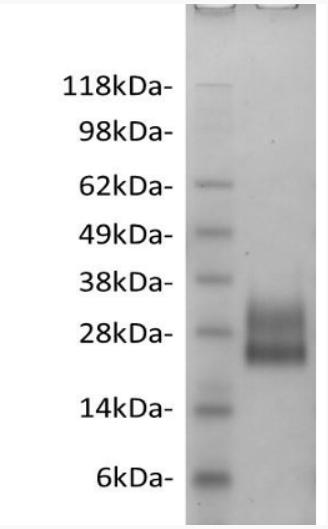
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Storage	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution. For long-term storage, store for up to 2 years at -20 centigrade and 5 years at -80 centigrade after reconstitution.
Shipping	Ambient
Reconstitution	Reconstitute in 25 µL in sterile PBS containing at least 0.1% protein.

GENE INFORMATION

Gene Name	Il4 interleukin 4 [Mesocricetus auratus (golden hamster)]
Official Symbol	Il4
Synonyms	Il4; interleukin 4; IL-4; BSF-1; interleukin-4; B-cell stimulatory factor 1; Lymphocyte stimulatory factor 1
Gene ID	101843742
mRNA Refseq	XM_005067769
Protein Refseq	XP_005067826
UniProt ID	Q60440

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

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