

Recombinant Full Length Ferret IL4 Protein, His tagged

Cat. No. IL4-13F Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Ferret IL4 Protein, Sourced from HEK293, Met1-His132, with C-terminal His Tag.
Species	Ferret
Source	HEK293
ProteinLength	1-132 aa
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 from 1x PBS with Trehalose
Molecular Mass	16.8 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 [*Mustela putorius furo* (domestic ferret)]

Official Symbol IL4

Synonyms IL4; interleukin 4; BSF1; IL-4; interleukin-4

Gene ID 101686417

mRNA Refseq NM_001310191

Protein Refseq NP_001297120

UniProt ID A3FBF0

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