

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 1× PBS with Trehalose
Molecular Mass	16.8 kDa
Purity	>95% by SDS-PAGE
Applications	ELISA and Western Blot Analysis

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

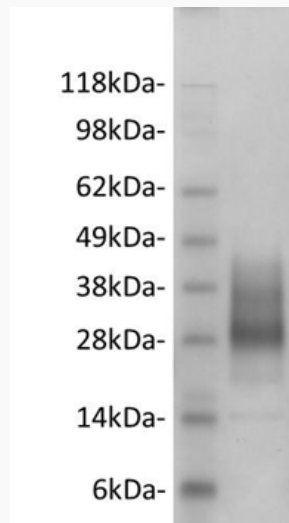
Storage	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution. For long-term storage, store for up to 2 years at -20 centigrade and 5 years at -80 centigrade after reconstitution.
Shipping	Ambient
Reconstitution	Reconstitute in 25 µL in sterile PBS containing at least 0.1% protein.
GENE INFORMATION	
Gene Name	IL4 interleukin 4 [<i>Mustela putorius furo</i> (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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Ferret IL-4 (2 μ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA