Recombinant Bovine Interleukin 4

Cat. No. IL4-593B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant BovineIL4 wasexpressed in COS-7 cells.
Species	Bovine
Source	COS-7 cells
Description	PBP010 may be usedas a standard in ELISA assays to determine bovine IL4 levels. This productdemonstrates functional activity in activation assays utilising bovine Blymphocytes, although a formal ED50 value has not been determined.
Form	Tissue Culture Supernatant from COS-7 cells expressing recombinant bovine IL4 - lyophilized.
Application	ELISA
Storage	Prior toreconstitution store at +4oC. After reconstitution store at +4oCor at -20oC if preferred. This product should be stored undiluted.Avoid repeated freezing and thawing as this may denature the protein. Shouldthis product contain a precipitate we recommend microcentrifugation beforeuse.

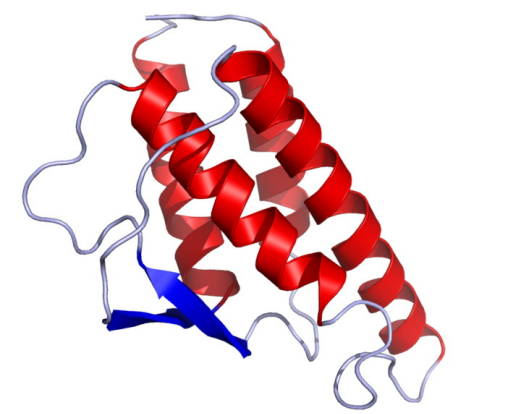
GENE INFORMATION

Gene Name	IL4 interleukin 4 [Bostaurus]
Official Symbol	IL4

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Synonyms	IL4; interleukin 4;IL-4; BSF-1; interleukin-4; B-cell stimulatory factor 1; lymphocytestimulatory factor 1
Gene ID	280824
mRNA Refseq	NM_173921
Protein Refseq	NP_776346
UniProt ID	P30367
Chromosome Location	7q15-21
Pathway	Allograftrejection; Asthma; Autoimmune thyroid disease; Cytokine-cytokine receptorinteraction; Cytokines and Inflammatory Response (BioCarta); Fc epsilon RIsignaling pathway; Hematopoietic cell lineage; Intestinal immune network forIgA production; Jak-STAT signaling pathway; Leishmaniasis; Measles; T cellreceptor signaling pathway
Function	cytokineactivity; growth factor activity; interleukin-4 receptor binding

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Crystal structure of human IL-4 (2INT)	

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