

IL-4 active protein

Mouse IL-4

CATALOG # AAA79151	HOST E Coli	REACTIVITY Mouse
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PRODUCT SYNONYMS

IL-4; Mouse IL-4; Recombinant Murine IL-4; IL-4 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	> 98% (SDS-PAGE; HPLC)
Form/Format	Lyophilized
Sequence	MHIHGCDKNH LREIIGILNE VTGEGTPCTE MDVPNVLTAT KNTTESELVC RASKVLRIFY LKHGKTPCLK KNSSVLMELQ RLFRAFRCLD SSISCTMNES KSTSLKDFLE SLKSIMQMDY S
Sequence Length	140
Endotoxin Level	< 0.1 ng/ug of IL-4
Biological Activity	The ED50 was determined by the dose-dependent proliferation of murine HT-2 cells is < 2.0 ng/ml, corresponding to a specific activity of > 5 x 10 ⁵ units/mg.

ADDITIONAL INFORMATION

Related Product Information for IL-4 active protein	Interleukin 4 (IL-4) is a pleiotropic cytokine produced by activated T cells, mast cells, and basophils. It was initially identified as a B cell differentiation factor (BCDF), as well as a B cell stimulatory factor (BSF1). IL-4 has since been shown to have multiple biological effects on hematopoietic and non-hematopoietic cells, including B and T cells, monocytes, macrophages, mast cells, myeloid and erythroid progenitors, fibroblasts, and endothelial cells. Rat, mouse and human IL-4 are species-specific in their activities.
Product Categories/Family for IL-4 active protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946584
NCBI GeneID	16189
NCBI Accession #	NP_067258.1
NCBI GenBank Nucleotide #	NM_021283.2
UniProt Accession #	P07750
Molecular Weight	13.5 kDa
NCBI Official Full Name	interleukin-4
NCBI Official Synonym Full Names	interleukin 4
NCBI Official Symbol	IL4

NCBI Official Synonym Symbols	IL-4; BSF-1
NCBI Protein Information	interleukin-4; IGG1 induction factor; B-cell growth factor 1; B-cell stimulatory factor 1; lymphocyte stimulatory factor 1; B-cell IgG differentiation factor
UniProt Protein Name	Interleukin-4
UniProt Gene Name	IL4
UniProt Synonym Gene Names	IL-4; IL-4; BSF-1
UniProt Entry Name	IL4_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-mouse-active-protein/il-4/79151>