Mouse IL-4 Recombinant Protein

产品详情

产品货号	产品名称	保存条件	保质期
S32003	Mouse IL-4 Recombinant Protein	-20℃	1 年

基本信息：

产品名称	Mouse IL-4 Recombinant Protein
别名	Interleukin-4;B-cell IgG differentiation factor;B-cell growth factor 1;B-cell stimulatory factor 1;IGG1 induction factor;Lymphocyte stimulatory factor 1;IL-4;BSF-1.
基因名称	IL-4
蛋白号	P07750
种属	Mouse
宿主	E.coli
区间范围	His23-Ser140
标签信息	Tag free
预测分子量	13.4KDa
表观分子量	14KDa,reducing conditions
纯度	≥95% by SDS‐PAGE
内毒素	<0.1ng/ug(1EU/ug)as determined by LAL test.
溶剂	Lyophilized from a 0.2 μm filtered solution of 20mM PB,5% Sucrose,4% Mannitol,0.1% PS-80,pH 6.5.
复溶	Reconstituted protein solution can be diluted with distilled water. Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
背景说明	Mouse Interleukin-4(IL-4)is a monomeric,Th2 cytokine that shows pleiotropic effects during immune responses.It is a glycosylated polypeptide that contains three intrachain disulfide bridges and adopts a bundled four α-helix structure.IL-4 exerts its effects through two receptor complexes,Participates in at least several B-cell activation processes as well as of other cell types.IL-4 is primarily expressed by Th2-based CD4+T cells,mast cells,basophils,and eosinophils.It promotes cell proliferation,survival,and immunoglobulin class switch to IgG1 and IgE in mouse B cells,acquisition of the Th2 phenotype by native CD4+T cells,priming and chemotaxis of mast cells,eosinophils,and basophils,and the proliferation and activation of epithelial cells.IL-4 plays a dominant role in the development of allergic inflammation and asthma.It also regulates the expression of the low affinity Fc receptor for IgE(CD23)on both lymphocytes and monocytes.

Bioactivity-Cell Based Assay	Measured in a cell proliferation assay using M-NFS-60 mouse lymphoblast cells. The ED50 for this effect is 60-300 pg/ml.
ELISA 活性	No activity experimental data,to be verified.
SPR/BLI 活性	No activity experimental data,to be verified.
研究领域	炎症与免疫调节

产品简介：

Recombinant Mouse Interleukin-4 is produced by our E.coli expression system and the target gene encoding His23-Ser140 is expressed.

储存与保存：

◆Upon receipt,store it immediately at -20℃ or lower for long term storage.Please avoid repeated freeze-thaw cycles.

◆This product is stable after storage at:

≤-20℃ for 12 months in lyophilized state.

2-8℃ for 2-7 days under sterile conditions after redissolves.

-20℃ for 1 months and -70℃ for 3 months under sterile conditions after redissolves.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

注意事项：

1.本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。

2.为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。

3.实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

免责声明:本公司将不为任何不正常使用此产品时所发生的意外负责。

北京伊事达科技有限公司

电话:13564444959

官网:www.followme-shop.com

地址:北京市海淀区东北旺西路 58 号尚科办公社区 C 区一楼

公众号　客服