



IL-4

DS-Pr-R-821-A/3

IL-4
Recombinant Mouse IL-4 Protein

/ 10µg / TLM821-0010
50µg / TLM821-0050

E.coli
Interleukin 4
DNA IL-4 NP_067258.1 N
13.4 kD
> 90% SDS-PAGE

COA

IL-4						T	B		
		IL-4	Th0	Th2			Th2		
	IL-4	B	MHC II	Fc				IgE	IgG1
	B			Fc RI	B				

		50µg				100µg/mL	
250µg/mL				10µg		200µL	

-20

24

50 13 1 3

400-010-5556



1. Brown MA, Hural J. Functions of IL-4 and Control of Its Expression. *Crit Rev Immunol.* 2017;37(2-6):181-212. doi: 10.1615/CritRevImmunol.v37.i2-6.30. PMID: 29773020.
2. Sallusto F, Lanzavecchia A. Efficient presentation of soluble antigen by cultured human dendritic cells is maintained by granulocyte/macrophage colony-stimulating factor plus interleukin 4 and downregulated by tumor necrosis factor alpha. *J Exp Med.* 1994 Apr 1;179(4):1109-18. doi: 10.1084/jem.179.4.1109. PMID: 8145033; PMCID: PMC2191432.
3. Iwaszko M, Biały S, Bogunia-Kubik K. Significance of Interleukin (IL)-4 and IL-13 in Inflammatory Arthritis. *Cells.* 2021 Nov 3;10(11):3000. doi: 10.3390/cells10113000. PMID: 34831223; PMCID: PMC8616130.
4. Kubo M. The role of IL-4 derived from follicular helper T (TFH) cells and type 2 helper T (TH2) cells. *Int Immunol.* 2021 Nov 25;33(12):717-722. doi: 10.1093/intimm/dxab080. PMID: 34628505.

2024	08	08
2024	09	04
2024	09	24
2025	09	02