



重组细胞因子

Recombinant Cytokines

乔默|CHAMOT提供一系列人、小鼠和猪等种属的重组蛋白/细胞因子产品，涵盖白细胞介素、肿瘤坏死因子、集落刺激因子、干扰素、生长因子、转化生长因子、趋化因子等，涉及免疫学、神经生物学、带些、传染病及心血管病等研究领域，适用于细胞生长与增殖、干细胞分化、细胞趋化、细胞重编程、免疫与CAR-T细胞治疗等多方面应用。

产品特点：

- 高生物活性——多数纯度>98%，更低的ED₅₀，更高的蛋白比活性

指标	ED ₅₀		检测细胞系
	CHAMOT	竞争品牌	
BMP-4, Human	0.58 ng/ml	5-10 ng/ml	ATDC5
EGF, Human	0.05-0.12 ng/mL	≤ 0.1 ng/ml	3T3 cells
IGF-I, Human	0.9-3.1 ng/mL	≤ 2.0 ng/ml	MCF-7 cells
IL-4, Mouse	<1 ng/mL	≤ 2.0 ng/ml	CTLL-2
IL-6, Mouse	<0.01 ng/mL	≤ 0.02 ng/ml	HT-2

指标	比活性(IU/mg)	
	CHAMOT	竞争品牌
IL-2, Human	>2.5 × 10 ⁷	≥ 1 × 10 ⁷
IL-4, Human	>2.8 × 10 ⁷	≥ 5 × 10 ⁶
TGF beta 1, Human	>5 × 10 ⁷	≥ 2 × 10 ⁷
TNF alpha, Human	>9 × 10 ⁹	≥ 2 × 10 ⁷
IL-4, Mouse	>1 × 10 ⁶	≥ 5 × 10 ⁵
IL-6, Mouse	>1 × 10 ⁸	≥ 5 × 10 ⁷
TNF alpha, Mouse	>2.5 × 10 ⁷	≥ 1 × 10 ⁷

- 极低的内毒素水平——经LAL法测定，内毒素水平小于0.1EU/μg，部分小于0.01 EU/μg，最大程度消除内毒素对后续功能性实验的影响
- 无动物源性成分——所有产品均不含动物源成分
- 溶解方便——采用无菌水溶解即可(TGF-β需用盐酸溶解)，随货附赠相关缓冲液
- 性价比高——确保品质优良，且价格优惠
- 专业研发团队——逾十年CRO服务背景，由海峡两岸专家团队研发生产
- 供货速度快——现货率近100%

产品组合使用推荐

DC细胞培养

Th17诱导分化

造血干细胞分化

CAR-T细胞治疗

IL-4
GM-CSF

TGF-β1
IL-6

Flt3-Ligand
SCF
TPO

rh IL-2
rh IFN-γ
rh IL-15



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热销产品：



HUMAN

指标	规格	货号	指标	规格	货号
Activin A	5ug	CM118-5HP	IL-15	5ug	CM016-5HP
BDNF	5ug	CM135-5HP	IL-2	20ug	CM004-20HP
BMP-4	5ug	CM065-5HP	IL-3	5ug	CM005-5HP
CXCL12	5ug	CM125-5HP	IL-4	5ug	CM006-5HP
EGF	100ug	CM120-100HP	IL-6	5ug	CM008-5HP
FGF-2 (FGF-basic)	20ug	CM091-20HP	M-CSF	5ug	CM116-5HP
GM-CSF	5ug	CM115-5HP	TGF beta 1	5ug	CM088-5HP
IFN gamma	20ug	CM081-20HP	TNF alpha	20ug	CM046-20HP
IGF-I	20ug	CM113-20HP	VEGF-165	5ug	CM058-5HP
IL-1 beta	5ug	CM002-5HP			



MOUSE

指标	规格	货号	指标	规格	货号
CCL2	5ug	CM072-5MP	IL-2	5ug	CM003-5MP
EGF	100ug	CM065-100MP	IL-3	5ug	CM004-5MP
FGF-2 (FGF-basic)	20ug	CM058-20MP	IL-4	5ug	CM005-5MP
Flt3-Ligand	5ug	CM056-5MP	IL-6	5ug	CM007-5MP
GM-CSF	5ug	CM060-5MP	M-CSF	5ug	CM061-5MP
IFN gamma	20ug	CM052-20MP	TGF beta 1	5ug	CM057-5MP
IL-1 beta	5ug	CM002-5MP	TNF alpha	5ug	CM038-5MP
IL-15	5ug	CM013-5MP			



SWINE

指标	规格	货号	指标	规格	货号
FGF-2 (FGF-basic)	10ug/50ug	CM019-10SP/50SP	IL-2	10ug/50ug	CM003-10SP/50SP
GM-CSF	5ug/20ug	CM017-10SP/50SP	IL-4	5ug/20ug	CM004-10SP/50SP
IFN gamma	5ug/20ug	CM012-10SP/50SP	IL-6	5ug/20ug	CM005-10SP/50SP
IL-17A	5ug/20ug	CM009-10SP/50SP	TGF beta 1	5ug/20ug	CM015-10SP/50SP
IL-1 β	5ug/20ug	CM002-10SP/50SP	TNF alpha	5ug/20ug	CM010-10SP/50SP

文献引用

- Decoding the spatial chromatin organization and dynamic epigenetic landscapes of macrophage cells during differentiation and immune activation. Nat Commun. 2022 Oct 4;13(1):5857. (IF 14.919) (Human M-CSF)
- Suppression of PD-L1 release from small extracellular vesicles promotes systemic anti-tumor immunity by targeting ORAI1 calcium channels. J Extracell Vesicles. 2022 Dec;11(12):e12279. (IF 15.48) (Mouse IFN-γ)
- IFNγ Transcribed by IRF1 in CD4 + Effector Memory T Cells Promotes Senescence-Associated Pulmonary Fibrosis. Aging Dis. 2023 Mar 23. (IF 9.968) (Mouse IFN-γ)
- USP8 positively regulates hepatocellular carcinoma tumorigenesis and confers ferroptosis resistance through β-catenin stabilization. Cell Death Dis. 2023 Jun 13;14(6):360. (IF 9.696) (Human EGF/bFGF)

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