

32-12142: Mouse Interleukin-3 (AF)

Gene :	113
Gene ID :	16187
Uniprot ID :	P01586
Alternative Name	Hematopoietic growth factor, Mast cell growth factor, Multipotential colony-stimulating factor, P-cell- stimulating factor, Csfmu, II-4

Description

Source: Genetically modified E.coli.

Predicted MW:Â Monomer, 15.2 kDa (135 aa)

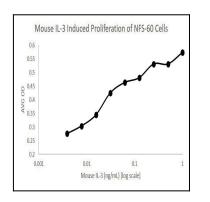
Interleukin 3 (IL-3) is a cytokine that is produced by activated T cells and mast cells. IL-3 induces the differentiation of hematopoietic stem cells into myeloid precursor cells, such as erythrocyte, megakaryocyte, granulocyte, monocyte, and dendritic cells. IL-3 also functions in the nervous system and is important during the B-1 cell regulation of chronic inflammatory diseases.

Product Info		
Amount :	10 μg / 100 μg	
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%	
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL	
Storage condition :	Store at -20°C	
Amino Acid :	MDTHRLTRTL NCSSIVKEII GKLPEPELKT DDEGPSLRNK SFRRVNLSKF VESQGEVDPE DRYVIKSNLQ KLNCCLPTSA NDSALPGVFI RDLDDFRKKL RFYMVHLNDL ETVLTSRPPQ PASGSVSPNR GTVEC	

Application Note

Endotoxin: Less than 0.1 ng/ \tilde{A} $\hat{A}\mu g$ (1 IEU/ \tilde{A} $\hat{A}\mu g$) as determined by LAL test.

Biological Activity was determined by NFS-60 cell proliferation at <=250 pg/mL; >= 4.0×10^{6} units/mg. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80Å \square ŰC and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.





9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982 Email: info@abeomics.com

Reduced:	-	+	
MW	. —		
97	/=	=	
66 55	-	=	
36 31 21	=	=	
14 6	_	- market	
Mouse II	-3		
Figure:	1 ug i	n each	lane (-)
non-redu	icing	conditio	ns and
(+) reduc			
20% Tris with Co			
IL-3 is			
predicted			