

Active Recombinant Mouse Il3 Protein

Cat. No. II3-108M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse interleukin 3 (Il3) (Ala27-Cys166) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	27-166 a.a.
Description	This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.
Bio-activity	The ED50 is 0.05 - 0.200 ng/ml, corresponding to a specific activity of 0.5-2.0 x 10 ⁷ units/mg, determined by the dose dependent stimulation of a M-NFS-60 cell proliferation assay.
Molecular Mass	15.7 kDa
Endotoxin	Less than 0.01 ng per g protein as determined by the LAL method
Purity	>98%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 centigrade and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 centigrade and 8 centigrade for up

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

Storage	Store at -80 centigrade.
Concentration	Protein formulated and vialled at >50 ug/mL in specified buffer
Storage Buffer	10mM NaHPO4 pH7.2, 0.15M NaCl

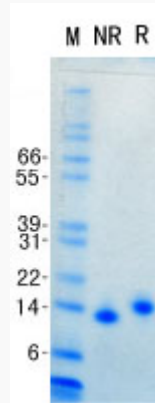
GENE INFORMATION

Gene Name	IL3 interleukin 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL3
Synonyms	IL3; interleukin 3; BPA; PSF; HCGF; IL-3; MCGF; Csfmu; interleukin-3; P-cell-stimulating factor; hematopoietic growth factor; mast cell growth factor; multipotential colony-stimulating factor
Gene ID	16187
mRNA Refseq	NM_010556
Protein Refseq	NP_034686
UniProt ID	P01586

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA