

Active GMP Recombinant Rat IL4 protein

Cat. No. IL4-032RG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Rat IL4 protein(NP_958427.1)(129 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Rat
Source	HEK293
ProteinLength	DNA sequence encoding Rat IL-4(NP_958427.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	This depends on its ability to stimulate the proliferation of TF-1 cells, and the expected ED50 is 200~400ng/ml.
Molecular Mass	Recombinant Rat IL-4 contains 129 aa. It has a predicted MW of 14.6kDa.
Endotoxin	<1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

 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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Il4 interleukin 4 [Rattus norvegicus]
-----------	---

Official Symbol	Il4
-----------------	-----

Synonyms	Il4e12
----------	--------

Gene ID	287287
---------	--------

mRNA Refseq	NM_201270
-------------	-----------

Protein Refseq	NP_958427
----------------	-----------

UniProt ID	P20096
------------	--------

 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