

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

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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

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