Bioactive

Il4 (Rat) Recombinant Protein

Catalog # P8270 Size 20 ug

Specification

Product Description	Rat Il4 (P20096 , 23 a.a. - 147 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	HGCNDSPLREIINTLNQVTEKGTPCTEMFVPDVLTATRNTTENELICRASRVLRKFYFPRDVPPCLK NKSGVLGELRKLCRGVSGLNSLRSCTVNESTLTTLKDFLESLKSILRGKYLQSCTSMS
Host	Escherichia coli
Theoretical MW (kDa)	14
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Activity	The ED_{50} is < 2 ng/mL as determined in a cell proliferation assay using rat splenocytes, correspondi ng to a specific activity of > 5.0 x 10^5IU/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — Il4

Entrez GeneID	287287
Protein Accession#	P20096
Gene Name	Il4
Gene Alias	Il4e12
Gene Description	interleukin 4
Gene Ontology	Hyperlink
Other Designations	-

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