Bioactive

Il10 (Rat) Recombinant Protein

Catalog # P5038 Size 20 ug

Specification

Product Description	Rat Il10 (P29456, 19 a.a. - 178 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	SKGHSIRGDNNCTHFPVSQTHMLRELRAAFSQVKTFFQKKDQLDNILLTDSLLQDFKGYLGCQAL SEMIKFYLVEVMPQAENHGPEIKEHLNSLGEKLKTLWIQLRRCHRFLPCENKSKAVEQVKNDFNK LQDKGVYKAMNEFDIFINCIEAYVTLKMKN
Host	Escherichia coli
Theoretical MW (kDa)	19
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less th an 0.1 ng/ug (1EU/ug).
Activity	The ED(50) was determined by the dose-dependent inhibition of antigen-specific T cell proliferation i s less than 12 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.5
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

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- SDS-PAGE

Gene Info — Il10

Entrez GeneID	25325
Protein Accession#	P29456
Gene Name	Il10
Gene Alias	IL10X
Gene Description	interleukin 10
Gene Ontology	Hyperlink
Other Designations	-

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