Bioactive

Il1b (Mouse) Recombinant Protein

Catalog # P8220 Size 2 x 10 ug

Specification

Product Description	Mouse Il1b (P10749, 117 a.a. - 269 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	MVPIRQLHYRLRDEQQKSLVLSDPYELKALHLNGQNINQQVIFSMSFVQGEPSNDKIPVALGLKGK NLYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEFPNWYISTSQAEHK PVFLGNNSGQDIIDFTMESVSS
Host	Escherichia coli
Theoretical MW (kDa)	17.5
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Activity	The ED_{50} is < 0.9 - 1.3 pg/mL as determined by the dose-dependent proliferation of mouse D10S cells, corresponding to a specific activity of > 1.1 x 10^6Units/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 — Il1b

Entrez GeneID	16176
Protein Accession#	P10749
Gene Name	Il1b
Gene Alias	IL-1beta, Il-1b
Gene Description	interleukin 1 beta
Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	OTTMUSP00000016525|interleukin 1, beta

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