

Bioactive

## IL1b (Mouse) Recombinant Protein

Catalog # P4357

Size 10 ug

### Specification

<b>Product Description</b>	Mouse IL1b (P10749, 118 a.a. - 269 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
<b>Sequence</b>	VPIRQLHYRLRDEQQKSLVLSDPYELKALHLNGQNINQQVIFSMSFVQGEPSNDKIPVALGLKGKN LYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEPNWWYSTSQAEHKP VFLGNNSGQDIIDFTMESVSS
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	17
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purification</b>	Ion exchange column and HPLC reverse phase column
<b>Purity</b>	> 90% by SDS-PAGE and HPLC
<b>Endotoxin Level</b>	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
<b>Activity</b>	The ED <sub>50</sub> was determined by the dose-dependent stimulation of thymidine uptake by murine D10S cells is <= 2.0 pg/mL, corresponding to a specific activity of >= 5 x 10 <sup>8</sup> units/mg.
<b>Storage Buffer</b>	Lyophilized from PBS, pH 7.0
<b>Storage Instruction</b>	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

- SDS-PAGE

## Gene Info — Il1b

Entrez GeneID	<a href="#">16176</a>
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Protein Accession#	<a href="#">P10749</a>
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Gene Name	Il1b
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Gene Alias	IL-1beta, Il-1b
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Gene Description	interleukin 1 beta
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	beta
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Other Designations	OTTMUSP00000016525 interleukin 1, beta
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