

Bioactive

## IL1b (Mouse) Recombinant Protein

Catalog # P8220

Size 2 x 10 ug

### Specification

<b>Product Description</b>	Mouse IL1b (P10749, 117 a.a. - 269 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
<b>Sequence</b>	MVPIRQLHYRLRDEQQKSLVLSDPYELKALHLNGQNINQQVIFSMSFVQGEPsNDKIPVALGLKGK NLYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEPNWyISTsQAEHK PVFLGNNSGQDIIDFTMESVSS
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	17.5
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purity</b>	> 95% by SDS-PAGE
<b>Activity</b>	The ED <sub>50</sub> 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 <sup>6</sup> Units/mg.
<b>Recommend Usage</b>	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from sterile distilled Water is > 100 ug/mL
<b>Storage Instruction</b>	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

## 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