

Bioactive

Il1b (Mouse) Recombinant Protein

Catalog # P7305

Size 10 ug

Applications

Result of activity analysis

Result of activity analysis

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Specification

Product Description	Mouse Il1b (P10749, 118 a.a. - 269 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	VPIRQLHYRLRDEQQKSLVLSDPYELKALHLNGQNINQQVIFSMSFVQGEPsNDKIPVALGLKGKN LYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEPNWyISTsQAEHKP VFLGNNSGQDIIDFTMESVSS
Host	Escherichia coli
Theoretical MW (kDa)	17.5
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/μg of protein by gel clotting method
Activity	ED ₅₀ < 10.0 pg/mL, measured by the dose-dependent stimulation of mouse D10.G4.1 helper T cells, corresponding to a specific activity of > 1.0 × 10 ⁸ IU/mg.

Recommend Usage

Biological Activity
SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer

Lyophilized from PBS. Reconstitute the lyophilized powder in ddH₂O up to 100 ug/mL.

Storage Instruction

Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

Result of activity analysis
Result of activity analysis

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