

Bioactive

II1b (Rat) Recombinant Protein

Catalog # P7324

Size 10 ug

Specification

Product Description	Rat II1b (Q63264, 117 a.a. - 268 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	DVPIRQLHCRLRDEQQKCLVLSDPCELKALHLNGQNISQQVVFMSFVQGETSNDKIPVALGLKG LNLYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKTKVEFESAQFPNWIYSTSQA EHRPVFLGNSNGRDVDFTEPVSS
Host	Escherichia coli
Theoretical MW (kDa)	17.3
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/ug of protein by gel clotting method
Activity	ED ₅₀ < 10.0 pg/mL, measured by a cell proliferation assay using mouse D10S cells, corresponding to a specific activity of > 1.0 × 10 ⁸ units/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 ddH ₂ O 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.

Applications

- Functional Study

- SDS-PAGE

Gene Info — Il1b

Entrez GeneID	24494
Protein Accession#	Q63264
Gene Name	Il1b
Gene Alias	-
Gene Description	interleukin 1 beta
Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	interleukin 1, beta