Bioactive

IL1B (Canine) Recombinant Protein

Catalog # P8227 Size 2 x 10 ug

Specification

Product Description	Canine IL1B (Q28292, 114 a.a. - 265 a.a.) partial recombinant protein expressed in *Escherichia coli* .
Sequence	MAAMQSVDCKLQDISHKYLVLSNSYELRALHLNGENVNKQVVFHMSFVHGDESNNKIPVVLGIKQ KNLYLSCVMKDGKPTLQLEKVDPKVYPKRKMEKRFVFNKIEIKNTVEFESSQYPNWYISTSQVEG MPVFLGNTRGGQDITDFTMEFSS
Host	Escherichia coli
Theoretical MW (kDa)	17.5
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Activity	The ED_{50} is < 5 pg/mL, measured in a cell proliferation assay using D10.G4.1 mouse helper T cells
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4
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	403974
Protein Accession#	Q28292
Gene Name	IL1B
Gene Alias	IL-1
Gene Description	interleukin 1, beta
Gene Ontology	Hyperlink
Gene Summary	interleukin-1 beta proprotein
Other Designations	interleukin-1 beta proprotein

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