Bioactive

IL1B (Equine) Recombinant Protein

Catalog # P8226 Size 2 x 10 ug

Specification

Product Description	Equine IL1B (Q28386, 116 a.a. - 268 a.a.) partial recombinant protein expressed in *Escherichia coli* .
Sequence	AAMHSVNCRLRDIYHKSLVLSGACELQAVHLNGENTNQQVVFCMSFVQGEEETDKIPVALGLKE KNLYLSCGMKDGKPTLQLETVDPNTYPKRKMEKRFVFNKMEIKGNVEFESAMYPNWYISTSQAEK SPVFLGNTRGGRDITDFIMEITSA
Host	Escherichia coli
Theoretical MW (kDa)	17.3
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Activity	The ED_{50} is < 20 pg/mL as determined by a cell proliferation assay using murine D10S cells, corresponding to a specific activity of > 5.0 x 10^7Units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
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	100034237
Protein Accession#	Q28386
Gene Name	IL1B
Gene Alias	IL-1B
Gene Description	interleukin 1, beta
Gene Ontology	Hyperlink
Gene Summary	interleukin-1 beta
Other Designations	interleukin-1 beta

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