

Bioactive

IL33 (Mouse) Recombinant Protein

Catalog # P4362

Size 10 ug

Specification

Product Description	Mouse IL33 (Q8BVZ5, 109 a.a. - 266 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	SIQGTSLLTQSPASLSTYNDQSVSFVLENGCYVINVDDSGKDQEQDQVLLRYYESPCPASQSGDG VDGKKLMVMNMSPIKD TDWLHANDKDYSVELQRGDVSPPEQAFFVLHKKSSDFVSFECKNLPGT YIGVKDNQLALVEEKDESCNNIMFKLSKI
Host	Escherichia coli
Theoretical MW (kDa)	18
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Activity	The ED ₅₀ was determined by the dose-dependent proliferation of murine D10S cells is <= 0.3 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.5
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

- SDS-PAGE

Gene Info — IL33

Entrez GeneID	77125
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Protein Accession#	Q8BVZ5
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Gene Name	IL33
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Gene Alias	9230117N10Rik, IL-33, IL1f11, NF-HEV
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Gene Description	interleukin 33
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Gene Ontology	Hyperlink
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Other Designations	nuclear factor from high endothelial venules
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