

Bioactive

II11 (Mouse) Recombinant Protein

Catalog # P4359

Size 10 ug

Specification

Product Description	Mouse II11 (P47873, 22 a.a. - 199 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	PGPPAGSPRVSSDPRADLDSAVLLTRSLADTRQLAAQMRDKFPADGDHSLDSLPTLAMSAGT LGSLQLPGVLTSLRVLDMSYLRHVQWLRRAAGGSLKTLEPELGALQARLERLLRRLQLLMSRLAL PQAAPDQPVIPLGPPASAWGSIRAAHAILGGLHLTLDWAVRGLLLLKTRL
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	19
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 (1 EU/ug).
Activity	The ED ₅₀ was determined by the dose-dependent stimulation of the proliferation of murine T11 cells is ≤ 1.0 ng/mL, corresponding to a specific activity of ≥ 1 x 10 ⁶ units/mg.
Storage Buffer	Lyophilized from PBS.
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 — IL11

Entrez GeneID	16156
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Protein Accession#	P47873
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Gene Name	IL11
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Gene Alias	IL-11
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Gene Description	interleukin 11
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Gene Ontology	Hyperlink
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Other Designations	-
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