

Bioactive

IL11 (Mouse) Recombinant Protein

Catalog # P8324

Size 2 x 10 ug

Specification

Product Description	Mouse IL11 (P47873, 21 a.a. - 199 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MPGPPAGSPRVSSDPRADLDSAVLLTRSLADTRQLAAQMRDKFPADGDHSLDSLPTLAMSAG TLGSLQLPGVLTRLRVDLMSYLRHVQWLRRAGGPSKLTLEPELGALQARLERLLRRLQLLMSRLA LPQAAPDQPVIPLGPPASAWGSIRAAHAILGGLHLLTDWAVRGLLLKTRL
Host	Escherichia coli
Theoretical MW (kDa)	19.1
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% by SDS-PAGE
Activity	The ED ₅₀ is < 2.0 ng/mL as determined by the dose-dependant stimulation of the proliferation of murine T11, corresponding to a specific activity of > 5.0 × 10 ⁵ IU/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

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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