

Bioactive

## Il21 (Mouse) Recombinant Protein

Catalog # P7460      Size 10 ug

### Specification

<b>Product Description</b>	Mouse Il21 (Q9ES17-1, 25 a.a. - 146 a.a.) partial recombinant protein expressed with an N-terminal Met in <i>Escherichia coli</i> .
<b>Sequence</b>	PDRLILRLRHLIDVEQLKIYENDLDPELLSAPQDVKGHCHEHAACFQKAKLKPSNPGNKTFIIDLVAQLRRRLPARRGGKKQKHIACPCSDSYEKRTPKFLEFLERLKWLLQKMIHQHLS
<b>Host</b>	<i>Escherichia coli</i>
<b>Theoretical MW (kDa)</b>	~ 15.1
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purity</b>	> 98% as analyzed by SDS-PAGE.
<b>Endotoxin Level</b>	< 0.2 EU/ ug of protein (gel clotting method)
<b>Activity</b>	ED <sub>50</sub> < 1.0 ng/mL, measured by the ability to stimulate the proliferation of human ANBL-6 cells, corresponding to a specific activity of > 1.0 × 10 <sup>6</sup> units/mg.
<b>Recommend Usage</b>	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH <sub>2</sub> O or PBS up to 100 ug/mL.
<b>Storage Instruction</b>	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

### Applications

- Functional Study

- SDS-PAGE

## Gene Info — IL21

<b>Entrez GeneID</b>	<a href="#">60505</a>
<b>Protein Accession#</b>	<a href="#">Q9ES17-1</a>
<b>Gene Name</b>	IL21
<b>Gene Alias</b>	-
<b>Gene Description</b>	interleukin 21
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Other Designations</b>	OTTMUSP00000007838