

Bioactive

IL21 (Mouse) Recombinant Protein

Catalog # P7460

Size 10 ug

Specification

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| Product Description | Mouse IL21 (Q9ES17-1, 25 a.a. - 146 a.a.) partial recombinant protein expressed with an N-terminal Met in <i>Escherichia coli</i> . |
| Sequence | PDLLIRLRHLIDVEQLKIYENDLDPELLSAPQDVKGHCHEAFAFQKAKLKPSNPGNNKTFIIDL VAQLRRRLPARRGGKKQKHIACPCDSYEK RTPKEFLERLKWLLQKMIHQHLS |
| Host | <i>Escherichia coli</i> |
| Theoretical MW (kDa) | ~ 15.1 |
| Form | Lyophilized |
| Preparation Method | <i>Escherichia coli</i> expression system |
| Purity | > 98% as analyzed by SDS-PAGE. |
| Endotoxin Level | < 0.2 EU/ ug of protein (gel clotting method) |
| Activity | ED ₅₀ < 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 ⁶ units/mg. |
| Recommend Usage | Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user. |
| Storage Buffer | Lyophilized from PBS. Reconstitute the lyophilized powder in ddH ₂ O or PBS up to 100 ug/mL. |
| Storage Instruction | 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

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| Entrez GeneID | 60505 |
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| Protein Accession# | Q9ES17-1 |
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| Gene Name | IL21 |
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| Gene Alias | - |
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| Gene Description | interleukin 21 |
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| Gene Ontology | Hyperlink |
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| Other Designations | OTTMUSP00000007838 |
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