

Bioactive

## IL4 (Mouse) Recombinant Protein

Catalog # P7309

Size 10 ug

### Specification

|                      |   |
|----------------------|---|
| Product Description  | Mouse IL4 (P07750, 21 a.a. - 140 a.a.) partial recombinant protein expressed in CHO cells.  |
| Sequence             | HHGCDKNHLREIIIGILNEVTGEGTPCTEMDVPNVLTATKNTTESELVCRASKVLRIFYLKHGKTPCL<br>KKNSSVLMELQRLFRAFRCILDSSISCTMNESKSTSLKDFLESLKSIMQMDYS   |
| Host                 | Mammals   |
| Theoretical MW (kDa) | 15  |
| Form                 | Lyophilized   |
| Preparation Method   | Mammalian cell (CHO) expression system  |
| Purity               | > 95% as analyzed by SDS-PAGE.<br>> 95% as analyzed by HPLC.  |
| Endotoxin Level      | < 0.2 EU/μg of protein by gel clotting method   |
| Activity             | ED <sub>50</sub> < 2.0 ng/mL, measured in a cell proliferation assay using murine HT-2 cells, corresponding to a specific activity of > 5.0 × 10 <sup>5</sup> units/mg. |
| Recommend Usage      | Biological Activity<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user.   |
| Storage Buffer       | Lyophilized from PBS. Reconstitute the lyophilized powder in ddH <sub>2</sub> O up to 100 ug/mL.  |
| Storage Instruction  | Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C.<br>Aliquot to avoid repeated freezing and thawing.                                       |

### Applications

- Functional Study

- SDS-PAGE

## Gene Info — Il4

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|---------------|-----------------------|
| Entrez GeneID | <a href="#">16189</a> |
|---------------|-----------------------|

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|--------------------|------------------------|
| Protein Accession# | <a href="#">P07750</a> |
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|           |     |
|-----------|-----|
| Gene Name | Il4 |
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| Gene Alias | Il-4 |
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| Gene Description | interleukin 4 |
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| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

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| Other Designations | OTTMUSP00000005817 |
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