Bioactive

# IL5 (Rhesus Macaque) Recombinant Protein

Catalog # P8283 Size 2 x 10 ug

## Specification

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|---|---|
| **Product Description** | Rhesus Macaque IL5 (P48093 , 20 a.a. - 134 a.a.) partial recombinant protein expressed in *Escherichia coli*. |
| **Sequence** | IPTEIPASALVKETLALLSTHRTLLIANETLRIPVPVHKNHQLCTEEIFQGIGTLESQTVQGGTVERLFK NLSLIKKYIGGQKKKCGEERRRVNQFLDYLQEFLGVMNTEWIIES |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 26.1 |
| **Form** | Lyophilized |
| **Preparation Method** | *Escherichia coli* expression system |
| **Purity** | > 98% by SDS-PAGE |
| **Activity** | The $ED_{50}$ is < 5 ng/mL as determined by a cell proliferation assay using human TF-1 cells, correspon ding to a specific activity of > 2.0 x $10^5$IU/mg. |
| **Recommend Usage** | Biological Activity<br>SDS-PAGE<br>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

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# Gene Info — IL5

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|---|---|
| **Entrez GeneID** | 710622 |
| **Protein Accession#** | P48093 |
| **Gene Name** | IL5 |
| **Gene Alias** | - |
| **Gene Description** | interleukin 5 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | - |

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