

# Recombinant Mouse IL-5 Protein

Catalog Number:PDMM100004



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

|                                    |   |
|------------------------------------|---|
| <b>Synonyms</b>                    | Interleukin-5;IL5;B-cell growth factor II;BCGF-II;Cytotoxic T-lymphocyte inducer;Eosinophil differentiation factor;T-cell replacing factor;TRF;IL-5;Il5 |
| <b>Species</b>                     | Mouse   |
| <b>Expression Host</b>             | HEK293 Cells  |
| <b>Sequence</b>                    | Met1-Gly133   |
| <b>Accession</b>                   | P04401  |
| <b>Calculated Molecular Weight</b> | 15 kDa  |
| <b>Observed molecular weight</b>   | 18-28 kDa   |
| <b>Tag</b>                         | C-His   |

## Properties

|                       |  |
|-----------------------|--|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.   |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.  |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.                      |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.  |
| <b>Formulation</b>    | Lyophilized from sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the print |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.   |

## Background

Factor that induces terminal differentiation of late-developing B-cells to immunoglobulin secreting cells.

## For Research Use Only

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