

Active Recombinant Mouse Il5(Met21-Gly133) Protein, C-6*His-tagged

Cat. No. Il5-110M **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Mouse Il5(P04401)(Met21-Gly133) Protein, fused with a 6*His tag at the C-terminus , was produced in HEK293. |
| Species | Mouse |
| Source | HEK293 |
| ProteinLength | 21-133 a.a. |
| Form | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
| Bio-activity | Measured in a cell proliferation assay using. The ED50 for this effect is 115.5 pg/ml. |
| Molecular Mass | The recombinant Mouse Il5 Protein has a predicted molecular mass of 13.9kDa, it migrates with an apparent molecular mass of 14-26kDa under reducing conditions. |
| AA Sequence | Met21-Gly133 |
| Endotoxin | < 0.01 EU per µg of the protein as determined by the LAL method. |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name IL5 interleukin 5 [*Mus musculus*]

Official Symbol IL5

Synonyms IL5; interleukin 5; interleukin-5; TRF; BCGF-II; B-cell growth factor II; T-cell replacing factor; cytotoxic T-lymphocyte inducer; eosinophil differentiation factor; IL-5;

Gene ID 16191

mRNA Refseq NM_010558

Protein Refseq NP_034688

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