

Active Recombinant Mouse IL5(Met21-Gly133) Protein, C-6*His-tagged

Cat. No. IL5-110M **Lot. No.** (See product label)

SPECIFICATION

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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