

Active Recombinant Mouse IL5 Protein

Cat. No. IL5-111M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse interleukin 5 (IL5) (Met21-Gly133) without tag was expressed Sf9 cell.
Species	Mouse
Source	Insect Cells
ProteinLength	21-133 a.a.
Description	Factor that induces terminal differentiation of late-developing B-cells to immunoglobulin secreting cells.
Bio-activity	The ED50 is 0.03 - 0.15 ng/ml, corresponding to a specific activity of 0.66 - 3.3 x 10 ⁷ units/mg.
Molecular Mass	13.1 kDa
Endotoxin	Less than 0.01 ng per g protein as determined by the LAL method
Purity	>98%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 centigrade and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 centigrade and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated

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freeze/thaw cycles.

Storage

Store at -80 centigrade.

Concentration

Protein formulated and vialled at >50 ug/mL in specified buffer

Storage Buffer

1 x PBS

GENE INFORMATION

Gene Name

IL5 interleukin 5 [*Mus musculus* (house mouse)]

Official Symbol

IL5

Synonyms

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

Gene ID

16191

mRNA Refseq

NM_010558

Protein Refseq

NP_034688

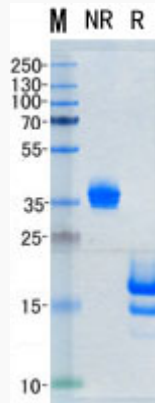
UniProt ID

P04401

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