

Active Recombinant Mouse IL21, MIgG2a Fc-tagged, mutant

Cat. No. IL21-022M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse IL-21 (NP_068554.1)(His18-Ser146) is fused to the N-terminus of the Fc portion of a mutant mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	18-146 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay using N1186 human T cells.
Molecular Mass	43KDa (monomer)
AA Sequence	His18-Ser146
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name IL21 interleukin 21 [*Mus musculus*]

Official Symbol IL21

Synonyms IL21; interleukin 21; interleukin-21; IL-21;

Gene ID 60505

mRNA Refseq NM_021782

Protein Refseq NP_068554

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

Function cytokine activity; cytokine receptor binding; interleukin-2 receptor binding;

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