

Active Recombinant Mouse Interleukin 22, MlgG2a Fc-tagged

Cat. No. IL22-601M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse IL-22 (NP_058667.1)(Leu34-Val179) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	34-179 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	The Biological Activity was determined by the ability to activate STAT following receptor ligand interaction.
Molecular Mass	46 KDa
AA Sequence	Leu34-Val179
Endotoxin	≤0.1 EU/µg as determined by LAL test.
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 IL22 interleukin 22 [*Mus musculus*]

Official Symbol IL22

Synonyms IL22; interleukin 22; interleukin-22; ILTIF alpha; IL-TIF alpha; interleukin-22a; IL-10-related T-cell-derived-inducible factor; interleukin 10-related T cell-derived inducible factor; IL-22; Iltif; IL-22a; ILTIFa; MGC129416; MGC129417;

Gene ID 50929

mRNA Refseq NM_016971

Protein Refseq NP_058667

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; protein binding;

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