

## Recombinant Mouse IL22, Fc-tagged

Cat. No. IL22-345M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of mouse IL-22 (aa 34-179) is fused to the N-terminus of the Fc region of mouse IgG2a.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	34-179 a.a.
<b>Description</b>	Interleukin-22 (IL-22), also known as IL-10 related T cell-derived-inducible factor (ILTIF) was initially identified as a gene induced by IL-9 in mouse T cells and mast cells. IL-22 has been shown to activate STAT1 and STAT3 in several hepatoma cell lines and upregulate the production of acute phase proteins. IL-22 is produced by normal T cells upon anti-CD3 stimulation in humans. Mouse IL-22 expression is also induced in various organs upon lipopolysaccharide injection, suggesting that IL-22 may be involved in inflammatory responses. The functional IL-22 receptor complex consists of two receptor subunits, IL-22R(CRF29) and IL-10Rbeta(CRF24), belonging to the class II cytokine receptor family.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Purity</b>	≥98% (SDS-PAGE)
<b>Stability</b>	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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**Storage** Short Term Storage: +4°C; Long Term Storage: -20°C. 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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