

Active Recombinant Rat IL22, HIgG1 Fc-tagged

Cat. No. IL22-001R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of rat IL-22 (ABF82262.1)(Leu27-Val172) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
Species	Rat
Source	CHO
Protein Length	27-172 a.a.
Description	IL22 (interleukin 22) is a protein-coding gene. Diseases associated with IL22 include chronic mucocutaneous candidiasis, and candidiasis, and among its related super-pathways are MIF Mediated Glucocorticoid Regulation and Regulation of eIF4 and p70S6K. GO annotations related to this gene include cytokine activity and interleukin-22 receptor binding.
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	42KDa (monomer)
AA Sequence	Leu27-Val172
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="" test="">

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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.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.
GENE INFORMATION	
Gene Name	IL22 interleukin 22 [<i>Rattus norvegicus</i>]
Official Symbol	IL22
Synonyms	IL22; interleukin 22; interleukin-22; RGD1561292;
Gene ID	500836
mRNA Refseq	NM_001191988
Protein Refseq	NP_001178917
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	molecular_function;