

Active Recombinant Rat IL22 protein, His-tagged, Low Endotoxin

Cat. No. IL22-11103R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL22 protein(G3V6X6)(34-179 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	34-179 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Rat IL-22, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Rat IL-22R alpha 1, hFc Tag with the EC50 of 0.17µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.18 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL22 interleukin 22 [*Rattus norvegicus*]

Official Symbol IL22

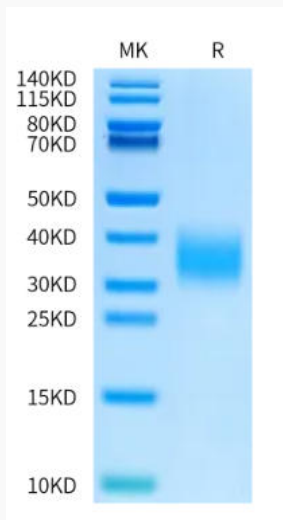
Synonyms IL22; interleukin 22; interleukin-22; RGD1561292;

Gene ID 500836

mRNA Refseq NM_001191988

Protein Refseq NP_001178917

Bis-Tris PAGE



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