

Active Recombinant Cynomolgus IL11 protein, His-tagged, Low Endotoxin

Cat. No. IL11-1580C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL11 protein(P20808)(22-199 aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	22-199 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human IL-11 R alpha, hFc Tag on ProA-Biosensor can bind Cynomolgus IL-11, His Tag with an affinity constant of 1.34 nM as determined in BLI assay.
Molecular Mass	The protein has a predicted MW of 20.48 kDa. Due to glycosylation, the protein migrates to 21-25 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution

Dissolve the lyophilized protein in distilled water.

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