

Recombinant Cynomolgus IL31 protein, His-tagged

Cat. No. IL31-312C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL31 protein(G7PJ78-1)(Leu27-Thr163), fused with N-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Leu27-Thr163
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus IL-31, His Tag at 5 ug/ml (100 ul/well) on the plate. Dose response curve for Human IL-31 RA, hFc Tag with the EC50 of 0.59 ug/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 16.5 kDa. Due to glycosylation, the protein migrates to 23-30 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

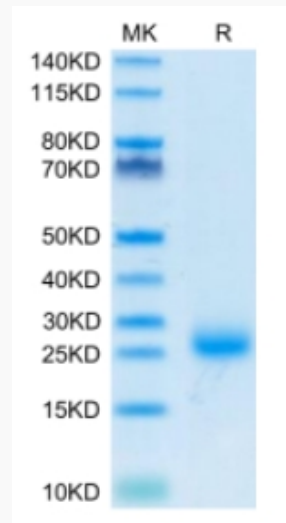
Storage

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

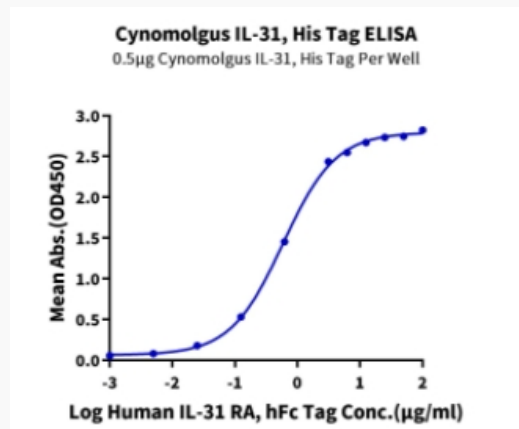
Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Tris-Bis PAGE



ELISA Data



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