

## Recombinant Cynomolgus IL3 protein, His-tagged

Cat. No. IL3-1504C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus IL3 protein(G7P877)(Ala20-Gln143), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Cynomolgus
<b>Source</b>	N-His
<b>ProteinLength</b>	Ala20-Gln143
<b>Tag</b>	N-His
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Cynomolgus IL-3 R alpha, His Tag immobilized on CM5 Chip can bind Cynomolgus IL-3, His Tag with an affinity constant of 1.30 nM as determined in SPR assay (Biacore T200).
<b>Molecular Mass</b>	The protein has a predicted MW of 15.13 kDa same as Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

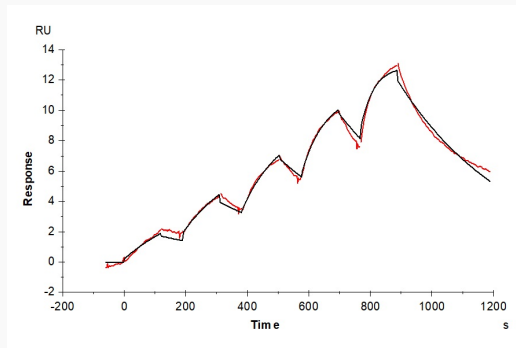
**Reconstitution**

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**



**SPR**



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