

Recombinant Cynomolgus IL1B protein, His-tagged

Cat. No. IL1B-1458C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL1B protein(A0A2K5VDC7)(Ala117-Ser268), fused with C-terminal His tag, was expressed in E.coli.
Species	Cynomolgus
Source	C-His
ProteinLength	Ala117-Ser268
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS,100mM L-Arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human IL-1 RII, hFc Tag captured on CM5 Chip via Protein A can bind Cynomolgus IL-1 Beta, His Tag with an affinity constant of 1.40 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 18.33 kDa same as 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.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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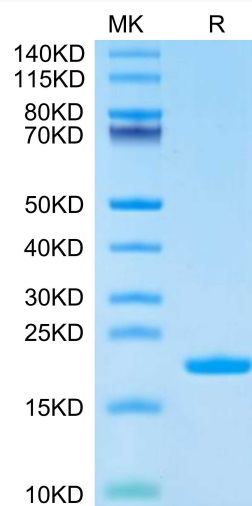
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defrost freezer and avoid repeated freeze-thaw cycles.

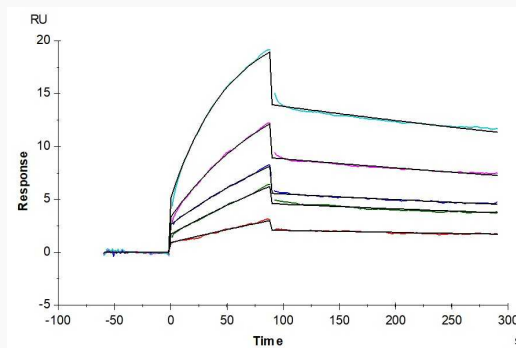
Reconstitution

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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