

Recombinant Cynomolgus CD276 protein, His-tagged

Cat. No. CD276-1355C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD276 protein(XP_015308534.1)(Leu29-Glu465), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Leu29-Glu465
Tag	C-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 B7-H3, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-B7-H3 Antibody, hFc Tag with the EC50 of 5.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 48.2 kDa. Due to glycosylation, the protein migrates to 70-80 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

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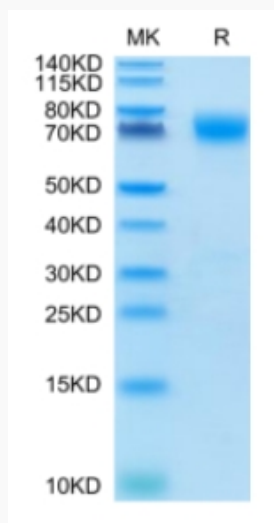
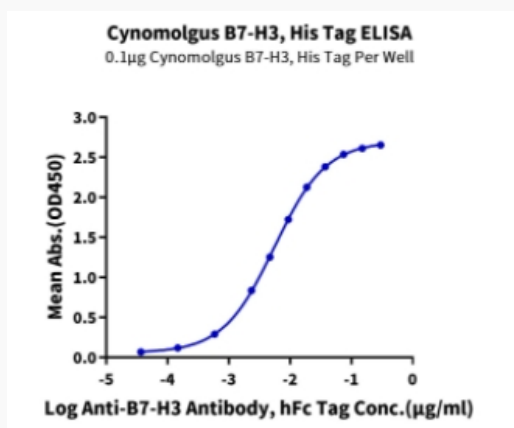
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Storage

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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