

Recombinant Human/Cynomolgus/Rhesus macaque CD28 protein, His-Avi-tagged

Cat. No. CD28-5744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human/Cynomolgus/Rhesus macaque CD28 protein(P10747-1)(Asn19-Pro152), fused with N-terminal His and Avi tag, was expressed in HEK293.
Species	Human/Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	Asn19-Pro152
Tag	N-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human/Cynomolgus/Rhesus macaque CD28, His Tag at 0.5 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-CD28 Antibody, hFc Tag with the EC50 of 18.4 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.2 kDa. Due to glycosylation, the protein migrates to 36-52 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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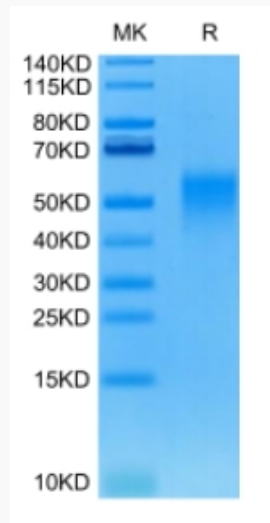
Storage

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.

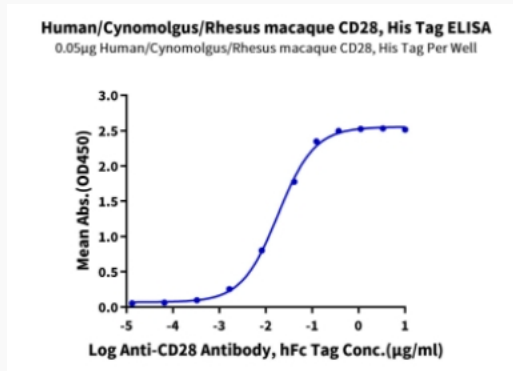
Reconstitution

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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