

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

Cat. No. CD28-8665H Lot. No. (See product label)

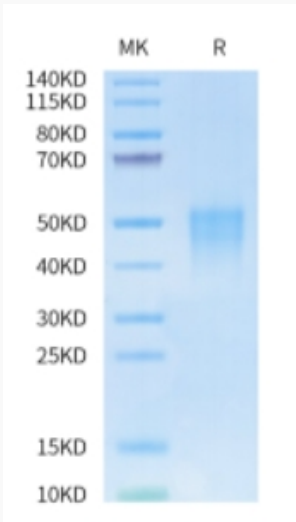
SPECIFICATION

Product Overview	Biotinylated Recombinant Human/Cynomolgus/Rhesus macaque CD28 protein(P10747)(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
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-CD28 Antibody, hFc Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Human/Cynomolgus/Rhesus macaque CD28, His Tag with the EC50 of 24.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.2 kDa. Due to glycosylation, the protein migrates to 38-50 kDa based on Tris-Bis PAGE result.

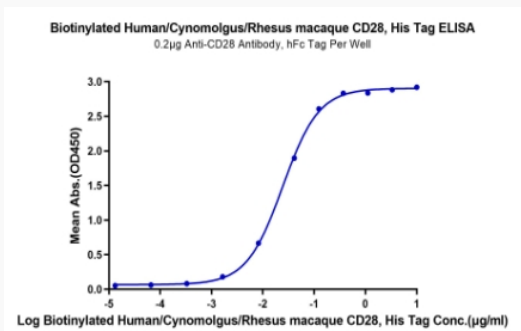
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Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin
Tris-Bis PAGE	

ELISA Data



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