

# Recombinant Human/Cynomolgus/Rhesus CD28 protein(Met1-Pro152), His&Avi-tagged, Biotinylated

**Cat. No.** CD28-1056H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human/Cynomolgus/Rhesus CD28 (P10747-1) (Met1-Pro152) was expressed in HEK293 with a C-terminal polyhistidine tag followed by an AVI tag.
<b>Species</b>	Human/Cynomolgus/Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Pro152
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Immobilized Recombinant Mouse CD80 / B7-1 Protein (Fc Tag) at 2 µg/ml (100 µl/well) can bind Recombinant Human/Cynomolgus/Rhesus CD28 Protein(ECD,His&AVI Tag),Biotinylated, The EC50 is 800-2100 ng/mL.
<b>Molecular Mass</b>	The recombinant Human/Cynomolgus/Rhesus CD28 consists of 160 amino acids and predicts a molecular mass of 18.40 kDa. It migrates as an approximately 41.73 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.

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<b>Purity</b>	> 95 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Official Symbol</b>	CD28
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