

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

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

SPECIFICATION

Product Overview	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.
Species	Human/Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	Met1-Pro152
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.
Storage	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.
Reconstitution	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.
Conjugation	Biotin
GENE INFORMATION	
Official Symbol	CD28

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