

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

Cat. No. CD28-747H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human/Cynomolgus/Rhesus macaque CD28 protein(P10747-1)(19-152 aa), fused with N-terminal His and Avi tag, was expressed in HEK293.
Species	Human/Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	19-152 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human/Cynomolgus/Rhesus macaque CD28, His Tag at 2 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-CD28 Antibody, hFc Tag with the EC50 of 23.9 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.2 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CD28 CD28 molecule [Homo sapiens]

Official Symbol CD28

Synonyms CD28; CD28 molecule; CD28 antigen (Tp44); T-cell-specific surface glycoprotein CD28; T cell specific surface glycoprotein; CD28 antigen; Tp44; MGC138290;

Gene ID 940

mRNA Refseq NM_001243077

Protein Refseq NP_001230006

MIM 186760

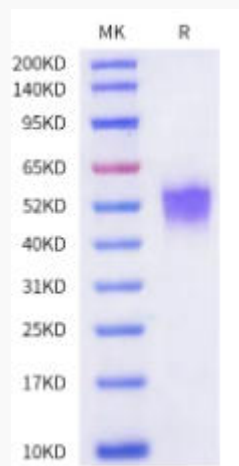
UniProt ID P10747

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Bis-Tris PAGE



ELISA Data

Human/Cynomolgus/Rhesus macaque CD28, His Tag ELISA
0.2µg Human/Cynomolgus/Rhesus macaque CD28, His Tag Per Well

