

Recombinant human/Cyn. monkey/rhesus macaque CD28 protein, N-His-Avi (HEK293), Biotin conjugated

Catalog Number: bs-47071P-Bio

Concentration: >0.5 mg/ml

AA Seq: 17-152/220

Predicted MW: 42.6

Detected MW: Due to glycosylation, the protein migrates to 38-50 kDa based on Tris-Bis PAGE result.

Tags: N-His-Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

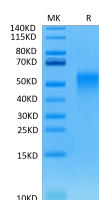
Purification: AC

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

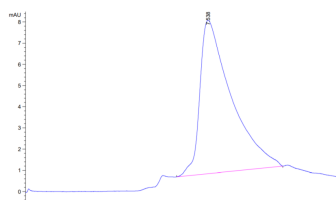
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]

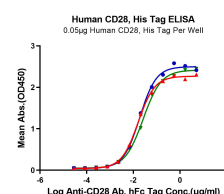
VALIDATION IMAGES



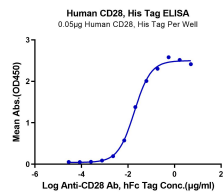
Human /Cynomolgus / Rhesus macaque CD28 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human /Cynomolgus / Rhesus macaque CD28 was greater than 95% as determined by SEC-HPLC.



Immobilized Human /Cynomolgus / Rhesus macaque CD28, His Tag at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Anti-CD28 Ab, hFc Tag with the EC50 of 18.8/16.1/26.2ng/ml determined by ELISA.



Immobilized Human /Cynomolgus / Rhesus macaque CD28,His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD28 Ab, hFc Tag with the EC50 of 18.8 ng/ml determined by ELISA.