

Active Recombinant Human CD28H protein, His-tagged

Cat. No. CD28H-3051H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD28H protein(Leu 23-Gly 150), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 23-Gly 150
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD28H, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human B7-H7, Fc Tag, Avi Tag with a linear range of 10-156 ng/mL. Immobilized Human CD28H, His Tag at 5 µg/mL (100 µL/well) can bind Human B7-H7, Fc Tag with a linear range of 1-78 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 15.9 kDa. The protein migrates as 22-32 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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.

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