

## Active Recombinant Human CD28H protein, Fc-tagged

Cat. No. CD28H-3052H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human CD28H protein(Leu 23-Gly 150), fused with Fc tag, was expressed in HEK293.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | Leu 23-Gly 150  |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.  |
| <b>Bio-activity</b>     | Immobilized Human B7-H7, His Tag at 5 µg/mL (100 µL/well) can bind Human CD28H, Fc Tag with a linear range of 0.6-10 ng/mL.   |
| <b>Molecular Mass</b>   | This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 40.6 kDa. As a result of glycosylation, the protein migrates as 50-60 kDa under reducing (R) condition, and 90-116 kDa under non-reducing (NR) condition (SDS-PAGE). |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.  |
| <b>Purity</b>           | >95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.   |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20°C or  |

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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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