

## Active GMP Recombinant Human CD28 protein, Fc-tagged

Cat. No. CD28-332HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human CD28 protein(NP_001230006)(366 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Human CD28(GenBank: AAH93698.1) was expressed with Fc tag at the C-terminal.
<b>Form</b>	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
<b>Bio-activity</b>	The linear range of immobilized Human CD28 (Fc Tag) at 1 ug/mL(100 uL/well) that can bind to Anti-mouse CD28 antibody is 0.5-5 ng/mL.
<b>Molecular Mass</b>	Recombinant Human CD28 protein contains 366 aa. It has a predicted MW of 42.1 kDa.
<b>Endotoxin</b>	<0.1EU/ug
<b>Purity</b>	>=95% by SDS-PAGE and HPLC
<b>Storage</b>	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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**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.

## GENE INFORMATION

**Gene Name** CD28 CD28 molecule [ Homo sapiens ]

**Official Symbol** CD28

**Synonyms** CD28; Tp44

**Gene ID** 940

**mRNA Refseq** NM\_001243077

**Protein Refseq** NP\_001230006

**MIM** 186760

**UniProt ID** P10747

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