

Active GMP Recombinant Human CD28 protein, Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CD28(GenBank: AAH93698.1) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	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.
Molecular Mass	Recombinant Human CD28 protein contains 366 aa. It has a predicted MW of 42.1 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	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]
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Official Symbol	CD28
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Synonyms	CD28; Tp44
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Gene ID	940
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mRNA Refseq	NM_001243077
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Protein Refseq	NP_001230006
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MIM	186760
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UniProt ID	P10747
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