

Recombinant Human CD28 protein, His-Avi-tagged, Biotinylated

Cat. No. CD28-747HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant human CD28 Protein is expressed from mammalian with a His Tag and Avi Tag at the N-terminal. It contains Thr17-Pro152.
Species	Human
Source	HEK293
ProteinLength	Thr17-Pro152
Description	CD28 is the receptor for CD80(B7-1) and CD86(B7-2) proteins. When activated by Toll-like receptor ligands, the CD80 expression is upregulated in antigen presenting cells (APCs). The CD86 expression on antigen presenting cells is constitutive. CD28 is the only B7 receptor constitutively expressed on naive T cells.
Form	Supplied as 0.22um filtered solution in 50mM Tris, 200mM NaCl (pH 9.0).
Molecular Mass	The protein has a predicted MW of 18.2 kDa. Due to glycosylation, the protein migrates to 38-50 KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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Conjugation Biotin

GENE INFORMATION

Gene Name CD28

Official Symbol CD28

Synonyms CD28 antigen(Tp44); CD28 antigen; CD28 molecule; CD28; MGC138290; T-cell-specific surface glycoprotein CD28; Tp44

Gene ID 940

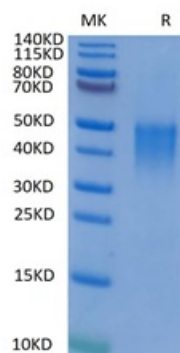
mRNA Refseq NM_001243077.2

Protein Refseq NP_001230006.1

MIM 186760

UniProt ID P10747

**Tris-Bis PAGE of
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**SEC-HPLC of CD28-
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