

## Recombinant Mouse CD28 Protein (ECD), Fc-His-tagged(C-ter)

Cat. No. Cd28-28M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CD28 Protein (ECD) with Fc-His tag (C-ter) was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Asn20-Lys149
<b>Description</b>	The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]
<b>Form</b>	Powder
<b>Endotoxin</b>	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
<b>Purity</b>	> 97% (by SDS-PAGE)
<b>Applications</b>	Binding, SDS-PAGE
<b>Notes</b>	For laboratory research only, not for drug, diagnostic or other use.
<b>Storage</b>	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot

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and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.

**Storage Buffer**      PBS (pH 7.4)

**Reconstitution**      Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.

## GENE INFORMATION

**Gene Name**      Cd28 CD28 antigen [ *Mus musculus* ]

**Official Symbol**      Cd28

**Synonyms**      CD28; CD28 antigen; T-cell-specific surface glycoprotein CD28;

**Gene ID**      12487

**mRNA Refseq**      NM\_007642

**Protein Refseq**      NP\_031668

## SDS-PAGE



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