

## 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

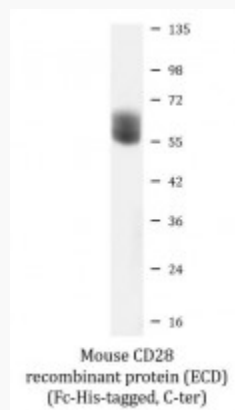
**Synonyms** CD28; CD28 antigen; T-cell-specific surface glycoprotein CD28;

**Gene ID** 12487

**mRNA Refseq** NM\_007642

**Protein Refseq** NP\_031668

## SDS-PAGE



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