

RP01211

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# Recombinant Mouse CD28 Protein

Catalog No.: RP01211

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	12487	P31041

### Tags

C-hFc&His

### Synonyms

CD28;Tp44;CD28

## Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Background

### Basic Information

#### Description

Recombinant Mouse CD28 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asn20-Lys149) of mouse CD28 (Accession #NP\_031668.3) fused with a Fc, 6×His tag at the C-terminus.

#### Bio-Activity

1. Measured by its binding ability in a functional ELISA. Immobilized Mouse CD86 Protein at 5 μg/mL (100 μL/well) can bind Mouse CD28 with a linear range of 0.0012-1.154 μg/mL.

#### Storage

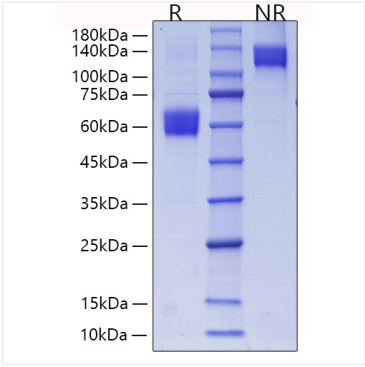
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

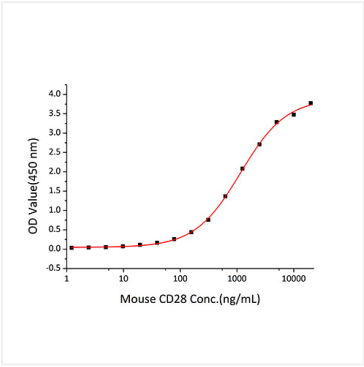


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# Validation Data



Recombinant Mouse CD28 Protein was resolved with SDS PAGE under reducing (R) and non-reducing (NR) conditions , showing single bands at 55-70 kDa and 110-140 kDa, respectively.



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