

Catalog No.: RP01211 **Recombinant**

Species	Gene ID	Swiss Prot
Mouse	12487	P31041

C-hFc&His

CD28;Tp44;CD28

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

41.84 kDa 55-70 kDa

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

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

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.

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Basic Information

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, 6xHis tag at the C-terminus.

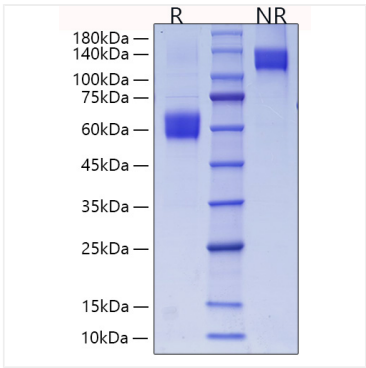
1. Measured by its binding ability in a functional ELISA. Immobilized Mouse CD86 Protein at 5 µg/mL (100 µL/well) can bind Mouse CD28 with a linear range of 0.0012-1.154 µg/mL.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

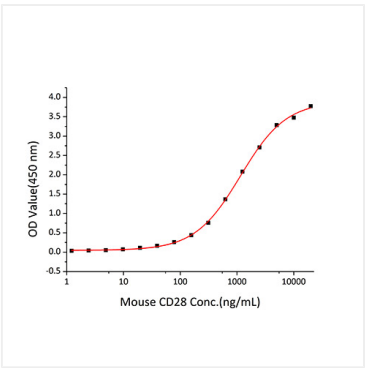
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse CD28 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



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