Recombinant Mouse CD28 Protein

Catalog No.: RP01211

Sequence Information

Species
Mouse

Gene ID
12487

Swiss Prot
P31041

Tags
C-hFc&His

Synonyms
CD28,Tp44,CD28

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
41.84 kDa

Observed MW
55-70 kDa

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 stablizer (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.

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.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

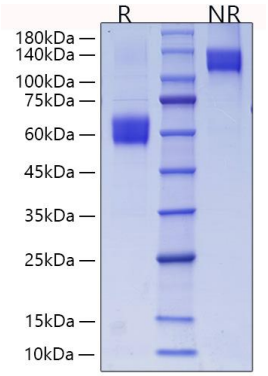
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

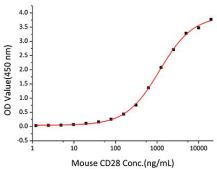
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Validation Data



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



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.