Recombinant Mouse CD28 protein(Met1-Lys149), hFc-tagged

Cat. No. CD28-2338M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD28 (NP_031668.3) (Met1-Lys149) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys149
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CD28 consists of 368 amino acids and predicts a molecular mass of 41.8 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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

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