

Recombinant Mouse CD28, Fc-His tagged

Cat. No. CD28-640M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD28 precursor extracellular domain (Met 1-Lys 149) (NP_031668.3), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Mouse
Source	Human Cells
ProteinLength	1-149 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant mouse CD28/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 378 amino acids and has a predicted molecular mass of 43 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm CD28/Fc monomer is approximately 55-60 kDa due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution.
Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cd28 CD28 antigen [Mus musculus]
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Official Symbol	CD28
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Gene ID	12487
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mRNA Refseq	NM_007642
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Protein Refseq	NP_031668
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