

Recombinant Mouse Cd83 Protein, His-tagged

Cat. No. Cd83-701M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd83 Protein (Met22-Arg133) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met22-Arg133
Description	Acts upstream of or within positive regulation of CD4-positive, alpha-beta T cell differentiation; regulation of cytokine production; and response to organic cyclic compound. Located in external side of plasma membrane. Is expressed in alimentary system; genitourinary system; hemolymphoid system gland; and nervous system. Orthologous to human CD83 (CD83 molecule).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16 kDa; Accurate Molecular Mass: 18 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION**Gene Name**

Cd83 CD83 antigen [*Mus musculus* (house mouse)]

Official Symbol

Cd83

Synonyms

CD83; CD83 antigen; mCD83; MGC130312; MGC130313;

Gene ID

12522

mRNA Refseq

NM_009856

Protein Refseq

NP_033986

UniProt ID

O88324

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