

Recombinant Mouse Cd8a Protein, His-tagged

Cat. No. Cd8a-705M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd8a Protein (Ala27-Val247) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala27-Val247
Description	Enables identical protein binding activity. Acts upstream of or within several processes, including cytotoxic T cell differentiation; defense response to virus; and positive regulation of calcium-mediated signaling. Located in external side of plasma membrane. Is expressed in several structures, including endocrine gland; exocrine gland; genitourinary system; gut; and hemolymphoid system gland. Orthologous to human CD8A (CD8a molecule).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.4 kDa; Accurate Molecular Mass: 31 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

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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

Cd8a CD8 antigen, alpha chain [*Mus musculus* (house mouse)]

Official Symbol

Cd8a

Synonyms

CD8A; CD8 antigen, alpha chain; T-cell surface glycoprotein CD8 alpha chain; T-cell surface glycoprotein Lyt-2; Lyt-2.1 lymphocyte differentiation antigen (AA at 100); Ly-2; Ly-B; Ly-35; Lyt-2; BB154331;

Gene ID

12525

mRNA Refseq

NM_001081110

Protein Refseq

NP_001074579

UniProt ID

P01731

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