

Recombinant Mouse Cd8b1 protein, His-tagged

Cat. No. Cd8b1-1528M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd8b1 aa. (Leu22~Thr175) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu22~Thr175
Form	Freeze-dried powder
Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
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°C 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°C for one month. Aliquot and store at

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-80°C for 12 months.

Concentration 200µg/mL

Storage buffer 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Reconstitution Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

Isoelectric Point 9.6

GENE INFORMATION

Gene Name Cd8b1 CD8 antigen, beta chain 1 [Mus musculus (house mouse)]

Official Symbol Cd8b1

Synonyms Cd8b; Ly-3; Ly-C; Lyt-3; T-cell membrane glycoprotein Ly-3; T-cell surface glycoprotein Lyt-3; lymphocyte antigen 3; T-cell surface glycoprotein CD8 beta chain

Gene ID 12526

mRNA Refseq NM_009858.2

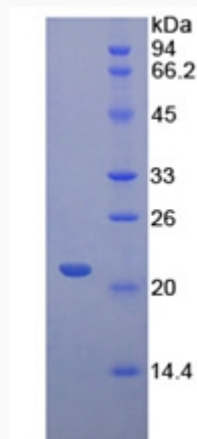
Protein Refseq NP_033988.1

UniProt ID P10300

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SDS-PAGE

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