

Recombinant Rat Cd8b protein, His-tagged

Cat. No. Cd8b-1529R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd8b aa. (Ala21~Lys208) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala21~Lys208
Description	A marker for cytotoxic T cells; involved in cell-cell interactions.
Form	Freeze-dried powder
Molecular Mass	23kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>92%
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -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	10

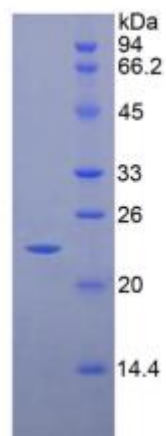
GENE INFORMATION

Gene Name	Cd8b CD8b molecule [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cd8b
Synonyms	Cd8b; CD8b molecule; Cd8b1; T-cell surface glycoprotein CD8 beta chain; CD8 antigen 37 kDa chain; CD8 antigen beta-chain; OX-8 membrane antigen
Gene ID	24931
mRNA Refseq	NM_031539.1
Protein Refseq	NP_113727.1
UniProt ID	P05541

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SDS-PAGE

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