

Recombinant Mouse Cd79b protein, His & T7-tagged

Cat. No. Cd79b-6889M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd79b aa. (Val26~Pro225 (Accession # P15530)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val26~Pro225
Description	The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.4kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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 -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Cd79b CD79B antigen [<i>Mus musculus</i> (house mouse)]
Official Symbol	Cd79b
Synonyms	B29; Igb; Igbeta; Ig-beta; B-cell-specific glycoprotein B29; immunoglobulin-associated B29 protein; immunoglobulin-associated beta; B-cell antigen receptor complex-associated protein beta chain
Gene ID	15985
mRNA Refseq	NM_001313939.1
Protein Refseq	NP_001300868.1

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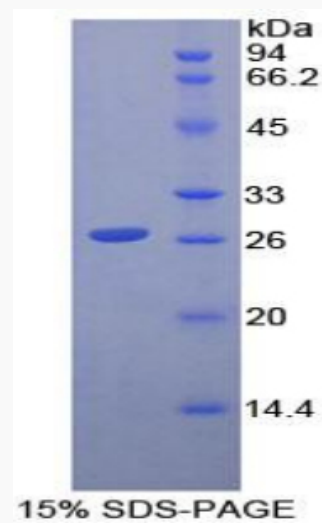
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UniProt ID

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SDS-PAGE

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