

Recombinant Mouse Cd79a Protein, Fc-tagged

Cat. No. Cd79a-904M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Cd79a (NP_031681.2) (Met1-Arg137) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-137 a.a.
Predicted N Terminal	Leu 29
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Cd79a consists 347 amino acids and predicts a molecular mass of 39 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Cd79a CD79A antigen \(immunoglobulin-associated alpha\) \[Mus musculus \]](#)

Official Symbol [Cd79a](#)

Synonyms

CD79A; CD79A antigen (immunoglobulin-associated alpha); B-cell antigen receptor complex-associated protein alpha chain; Ig alpha; MB-1 membrane glycoprotein; surface IgM-associated protein; immunoglobulin-associated alpha; membrane-bound immunoglobulin-as

Gene ID [12518](#)

mRNA Refseq [NM_007655](#)

Protein Refseq [NP_031681](#)

MIM

UniProt ID

Pathway

B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; Primary immunodeficiency, organism-specific biosystem; Primary immunode

Function

protein binding; transmembrane signaling receptor activity;

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