

Recombinant Mouse Cd79a & Cd79b protein, His-tagged

Cat. No. Cd79a & Cd79b-487M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd79a(Met1-Arg137) & Cd79b(Met1-Asp158) fused with His tag at C-terminal was expressed in Human Cells.
Species	Mouse
Source	HEK293
ProteinLength	(Met1-Arg137) & Cd79b(Met1-Asp158)
Predicted N Terminal	Leu 29 & Val 26
Form	Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant mouse CD79A & mouse CD79B heterodimer comprises 264 (120+144) amino acids and has a calculated molecular mass of 30.3 (13.8+ 16.5) kDa. The apparent molecular mass of the recombinant protein is approximately 34.6, 28.3 and 24.1 kDa respect
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	(67.7+17.7+12.1) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Cd79a CD79A antigen (immunoglobulin-associated alpha) [<i>Mus musculus</i>]
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-associated protein; Iga; Ly54; mb-1; Ly-54; Igalpha; Ig-alpha;
Gene ID	12518
mRNA Refseq	NM_007655
Protein Refseq	NP_031681
MIM	

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UniProt ID	P11911
Chromosome Location	7 A3; 7 13.49 cM
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 immunodeficiency, conserved biosystem;
Function	protein binding; transmembrane signaling receptor activity;

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