

Recombinant Mouse Cd24a Protein, Fc-tagged

Cat. No. Cd24a-895M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse CD24 (Q8BHC0) (Met1-Arg52) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-52 a.a.
Predicted N Terminal	Asn 27
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse CD24 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 267 amino acids and has a predicted molecular mass of 29.7 kDa. The apparent molecular mass of the protein is approximately 48-52 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % 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

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 [Cd24a CD24a antigen \[Mus musculus \]](#)

Official Symbol [Cd24a](#)

Synonyms HSA; Cd24; Ly-52; nectadrin; M1/69-J11D heat stable antigen; R13-Ag; X62 heat stable antigen; cluster of differentiation 24; heat stable antigen; lymphocyte antigen 52

Gene ID [12484](#)

mRNA Refseq [NM_009846](#)

Protein Refseq [NP_033976](#)

MIM

UniProt ID [P24807](#)

Chromosome Location 10 B2; 10 23.01 cM

Pathway Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem

Function carbohydrate binding; protein binding; protein kinase binding

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