

Recombinant Mouse CD74 protein (His Tag)

Catalog Number:PDEM100024



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms

CD 74;CD74;CD74 antigen (invariant polypeptide of major histocompatibility complex;class II antigen-associated);CD74 antigen;CD74 molecule;major histocompatibility complex;class II invariant chain;CLIP;DHLAG;Gamma chain of class II antigens;HG2A;HLA class II histocompatibility antigen gamma chain;HLA DR antigens associated invariant chain;HLA DR gamma;HLA-DR antigens-associated invariant chain;HLA-DR-gamma;HLADG;HLADR antigens associated invariant chain;Ia antigen associated invariant chain;Ia antigen-associated invariant chain;Ia associated invariant chain;Ia gamma;Invariant polypeptide of major histocompatibility complex class II antigen associated;Ia-gamma;Major histocompatibility complex class II invariant chain;MHC HLA DR gamma chain;MHC HLA-DR gamma chain;p33;p35;Protein 41

Species

Mouse

Expression Host

E.coli

Sequence

Gln56-Leu279

Accession

P04441

Calculated Molecular Weight

25.3 kDa

Observed molecular weight

26-32 kDa

Tag

N-His & C-His

Bioactivity

Immunogen(D-AB-10370L)

Properties

Purity

> 90 % as determined by reducing SDS-PAGE.

Endotoxin

Please contact us for more information.

Storage

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping

This product is provided as lyophilized powder which is shipped with ice packs.

Formulation

Lyophilized from sterile PBS, pH 7.4.

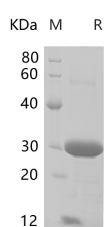
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution

Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

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Toll-free: 1-888-852-8623

Tel: 1-832-243-6086

Fax: 1-832-243-6017

Web: www.elabscience.com

Email: techsupport@elabscience.com

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Background

Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place. Enhance also the stimulation of T-cell responses through interaction with CD44.

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