

# Recombinant Mouse CD74 protein (His Tag)

Catalog Number:PKSM500004



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

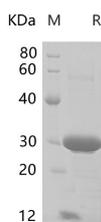
## Description

<b>Synonyms</b>	CD 74,CD74,CD74 antigen (invariant polypeptide of major histocompatibility complex,class II antigen-associated),CD74 antigen,CD74 molecule,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,Ii,Invariant polypeptide of major histocompatibility complex class II antigen associated,la-gamma,Major histocompatibility complex class II invariant chain,MHC HLA DR gamma chain,MHC HLA-DR gamma chain,p33,p35,Protein 41
<b>Species</b>	Mouse
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Gln56-Leu279
<b>Accession</b>	P04441
<b>Calculated Molecular Weight</b>	25.3 kDa
<b>Observed molecular weight</b>	26-32 kDa
<b>Tag</b>	N-His & C-His
<b>Bioactivity</b>	Immunogen(E-AB-40348)

## Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	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.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



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## For Research Use Only

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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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