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Datasheet for ABIN7319944

CD74 Protein (His tag)

Overview

Quantity:	100 µg
Target:	CD74
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD74 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CD74 protein (His Tag)
Sequence:	73Q-296M
Characteristics:	A DNA sequence encoding the Human CD74 protein (P04233) (73Q-296M) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>90 % as determined by reducing SDS-PAGE.
Biological Activity Comment:	Immunogen(E-AB-40347)

Target Details

Target:	CD74
Alternative Name:	CD74 (CD74 Products)
Background:	Background: Plays a critical role in MHC class II antigen processing by stabilizing peptide-free

Target Details

class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to the endosomal/lysosomal system where the antigen processing and binding of antigenic peptides to MHC class II takes place. Serves as cell surface receptor for the cytokine MIF.

Synonym: CD 74,CD74 antigen (invariant polypeptide of major histocompatibility complex,class II antigen-associated),CD74 Molecule,CD74 Molecule,major histocompatibility complex,class II invariant chain,CLIP,DHLA,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,Ia-gamma,Major histocompatibility complex class II invariant chain,MHC HLA DR gamma chain,MHC HLA-DR gamma chain,p33,p35,Protein 41

Molecular Weight: 26.6kDa

UniProt: [P04233](#)

Pathways: [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Negative Regulation of intrinsic apoptotic Signaling](#), [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.