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Datasheet for ABIN7505370 CD74 Protein (AA 56-279) (His tag)

Overview

Quantity:	100 µg
Target:	CD74
Protein Characteristics:	AA 56-279
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD74 protein is labelled with His tag.

Product Details

Sequence:	Gln56-Leu279
Characteristics:	A DNA sequence encoding theMouse CD74 protein (P04441) (56Q-279L) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>90 % as determined by reducing SDS-PAGE.

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 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

Target Details

	CD44. Synonym: 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,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:	25.3 kDa
UniProt:	P04441
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
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Handling

Format:	Lyophilized
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.
Expiry Date:	12 months