

Datasheet for ABIN6992394

CD74 Protein (AA 73-232) (Fc Tag)



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Overview

Quantity:	100 µg
Target:	CD74
Protein Characteristics:	AA 73-232
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD74 protein is labelled with Fc Tag.

Product Details

Purpose:	Human CD74 / DHLAG Protein, Fc Tag (MALS verified)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.1 EU per µg by the LAL method.

Target Details

Target:	CD74
Alternative Name:	CD74 (CD74 Products)
Background:	Cluster of Differentiation 74 (CD74) is also known as HLA class II histocompatibility antigen gamma chain (HLADG), DHLAG, Ia-GAMMA, invariant chain (Abbreviated Ii). CD74 / HLADG is a polypeptide involved in the formation and transport of MHC class II protein. The cell surface form of the invariant chain is known as CD74. CD74 is upregulated in several cancers and is also expressed by non-immune cells during inflammation. CD74 plays a critical role in MHC

Target Details

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 the endosomal / lysosomal system where the antigen processing and binding of antigenic peptides to MHC class II takes place. CD74 / DHLAG also serves as cell surface receptor for the cytokine MIF.

Molecular Weight:	47.9 kDa
NCBI Accession:	NP_004346
Pathways:	Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Negative Regulation of intrinsic apoptotic Signaling , Cancer Immune Checkpoints

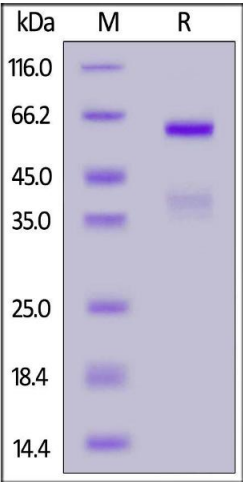
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5
Storage:	-20 °C

Images



SDS-PAGE

Image 1. Human CD74, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .