Datasheet for ABIN7092797

CD74 Protein (Fc Tag)

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Overview

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

Product Details

Purpose:	Recombinant Human CD74(73-232) Protein with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) CD74 (Gln73-Met232)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD74
Alternative Name:	CD74 (CD74 Products)
Background:	The protein encoded by this gene associates with class II major histocompatibility complex (MHC) and is an important chaperone that regulates antigen presentation for immune response. It also serves as cell surface receptor for the cytokine macrophage migration

Target Details

	inhibitory factor (MIF) which, when bound to the encoded protein, initiates survival pathways and cell proliferation. This protein also interacts with amyloid precursor protein (APP) and suppresses the production of amyloid beta (Abeta). Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]
Molecular Weight:	predicted molecular mass of 44.4 kDa after removal of the signal peptide.The apparent molecular mass of hFc-CD74(73-232) is 55-70 kDa due to glycosylation.
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
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

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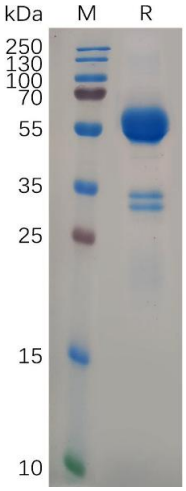

SDS-PAGE

Image 1. Human CD74(73-232) Protein, hFc Tag on SDS-PAGE under reducing condition.

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