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Datasheet for ABIN7504278

CD72 Protein (AA 117-359) (His tag)

Overview

Quantity:	100 µg
Target:	CD72
Protein Characteristics:	AA 117-359
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD72 protein is labelled with His tag.

Product Details

Purpose:	Human CD72 Protein
Sequence:	Arg117-Asp359
Characteristics:	Recombinant Human CD72 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Arg117-Asp359.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD72
Alternative Name:	CD72 (CD72 Products)

Target Details

Background:	CD72 (originally Lyb-2), a 45 kDa type II transmembrane glycoprotein. CD72 belongs to the calcium-dependent C-type lectin superfamily and shares sequence homology with CD23 (the B-cell-specific low-affinity Fc receptor for IgE) and the asialoglycoprotein receptors. It is expressed as a disulfide-linked homodimer from the pro-B through the mature B-cell stage, but it is downregulated on terminally differentiated plasma cells.
Molecular Weight:	29.17 kDa. Due to glycosylation, the protein migrates to 32-40 kDa based on Tris-Bis PAGE result.
UniProt:	P21854
Pathways:	BCR Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months