

[Go to Product page](#)

Datasheet for ABIN7454097

**CD5 Protein (CD5) (AA 25-371) (Biotin,His tag)**

## Overview

Quantity:	100 µg
Target:	CD5
Protein Characteristics:	AA 25-371
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD5 protein is labelled with Biotin,His tag.

## Product Details

Purpose:	Biotinylated Mouse CD5 Protein (Primary Amine Labeling)
Sequence:	Ser25-Pro371
Characteristics:	Recombinant Biotinylated Mouse CD5 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the C-Terminus.It contains Ser25-Pro371.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	CD5
Alternative Name:	CD5 ( <a href="#">CD5 Products</a> )

## Target Details

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Background:	CD5: a type I transmembrane protein found on T cells, thymocytes, and some B cells that is a ligand for CD72 and is involved in cellular activation or adhesion, expressed in B-cell chronic lymphocytic leukemia and T-cell lymphoma.
Molecular Weight:	38.9 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P13379</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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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 0.22µm 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