

# Biotinylated Mouse CD5 Protein (Primary Amine Labeling)

Cat. No. CD5-MM101B

## Description

<b>Source</b>	Recombinant Biotinylated Mouse CD5 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the C-Terminus. It contains Ser25-Pro371.
<b>Accession</b>	P13379
<b>Molecular Weight</b>	The protein has a predicted MW of 38.9 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

## Formulation and Storage

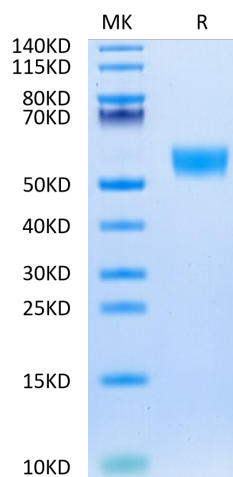
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state 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.

## 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.

## Assay Data

### Tris-Bis PAGE



Biotinylated Mouse CD5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

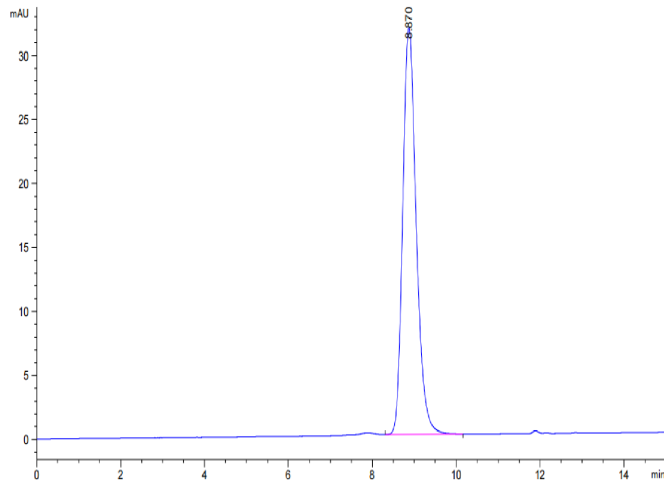
### SEC-HPLC

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## Assay Data



The purity of Biotinylated Mouse CD5 is greater than 95% as determined by SEC-HPLC.