

# Mouse CD5 Protein

Cat. No. CD5-MM101

## Description

<b>Source</b>	Recombinant Mouse CD5 Protein 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 50-60 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

## Formulation and Storage

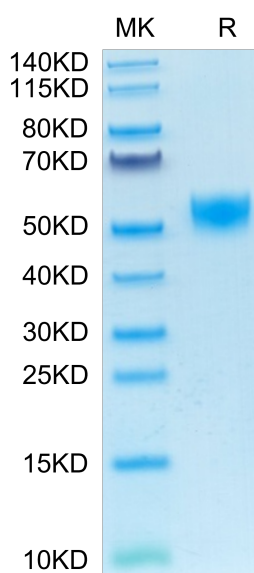
<b>Formulation</b>	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## 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.

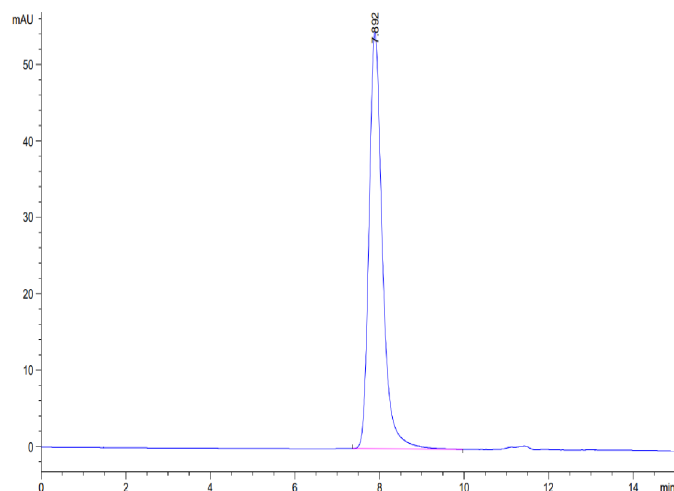
## Assay Data

### Bis-Tris PAGE



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

### SEC-HPLC



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