

Rev03
Update: Aug,08,2025**DATASHEET**

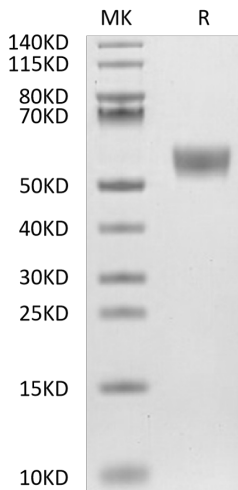
CD5 [Biotin], His, Mouse

Cat. No.: Z04650

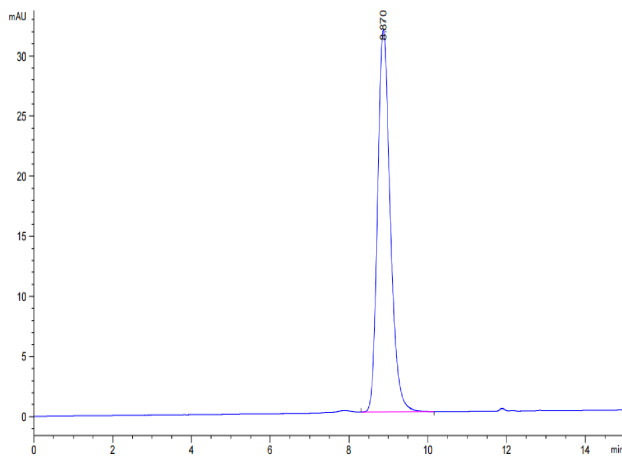
Product Introduction

Species	Mouse				
Protein Construction	<table><tr><td>CD5 (Ser25-Pro371) Accession # P13379</td><td>His</td></tr><tr><td>N-term</td><td>C-term</td></tr></table>	CD5 (Ser25-Pro371) Accession # P13379	His	N-term	C-term
CD5 (Ser25-Pro371) Accession # P13379	His				
N-term	C-term				
Conjugate	Biotin				
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC				
Endotoxin Level	Less than 1EU per µg by the LAL method.				
Expression System	HEK293				
Theoretical Molecular Weight	38.9 kDa				
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.				
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, (pH 7.4).				
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.				
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.				

Examples



CD5[Biotin], His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of CD5[Biotin], His, Mouse is greater than 95% as determined by SEC-HPLC.

Background

Target 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.

Synonyms : CD5 molecule; CD5; LEU1; T1; CD5 antigen

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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