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CD5 Protein (CD5) (AA 25-371) (His tag)

2 Images



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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 His tag.

Product Details

Purpose:	Mouse CD5 Protein
Sequence:	Ser25-Pro371
Characteristics:	Recombinant Mouse CD5 Protein 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 (CD5 Products)

Target Details

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 50-60 kDa based on Tris-Bis PAGE result.
UniProt:	P13379

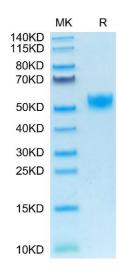
Application Details

Restrictions: For Research Use only

Handling

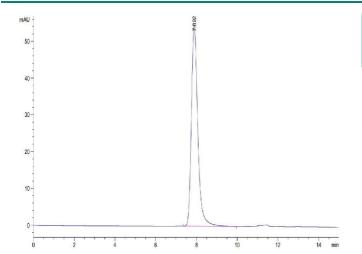
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from $0.22\mu m$ filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as 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

Images



SDS-PAGE

 $\label{eq:mage 1.} \mbox{Mouse CD5 on Tris-Bis PAGE under reduced} \\ \mbox{condition. The purity is greater than 95 \% }.$



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse CD5 is greater than 95 % as determined by SEC-HPLC.