antibodies - online.com







CD5L Protein (AA 22-352) (His tag)

Images



Overview

Quantity:	100 μg
Target:	CD5L
Protein Characteristics:	AA 22-352
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD5L protein is labelled with His tag.

Product Details

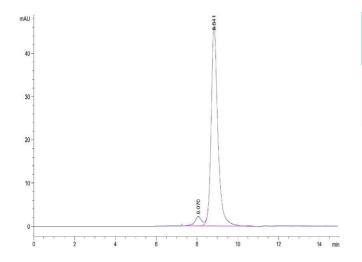
Purpose:	Mouse CD5L Protein
Sequence:	Glu22-Val352
Characteristics:	Recombinant Mouse CD5L Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Glu22-Val352.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD5L
Alternative Name:	CD5L (CD5L Products)

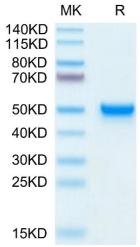
Target Details

•	
Background:	CD5L, a soluble protein belonging to the SRCR superfamily, is expressed mostly by macrophages in lymphoid and inflamed tissues. The expression of this protein is transcriptionally controlled by LXRs, members of the nuclear receptor family that play major roles in lipid homeostasis. Research undertaken over the last decade has uncovered critical roles of CD5L as a PRR of bacterial and fungal components and in the control of key mechanisms in inflammatory responses, with involvement in processes, such as infection, atherosclerosis, and cancer.
Molecular Weight:	37.7 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result
UniProt:	Q9QWK4
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 0.22µm 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



Size-exclusion chromatography-High Pressure Liquid Chromatography

 $\label{eq:local_local_local_local_local_local} \textbf{Image 1.} \ \mbox{The purity of Mouse CD5L is greater than 95 \% as} \\ \mbox{determined by SEC-HPLC.}$



SDS-PAGE

Image 2. Mouse CD5L on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.