

Catalog No.: RP03564 **Recombinant**

Species	Gene ID	Swiss Prot
Mouse	11801	O9OWK4

C-His

Cd5l; Aim; Api6; CD5 antigen-like; SP-alpha

Source HEK293 Cells	Purification > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
-------------------------------	--

Calculated MW	Observed MW
37.7 kDa	45-60 kDa

< 1 EU/μg of the protein by LAL method.

Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Dissolve the lyophilized protein in distilled water.

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

CD5L (CD5 antigen-like), also known as Sp alpha and AIM, is a 50 kDa secreted glycoprotein that belongs to the SRCR (scavenger receptor cysteine rich) group B family of proteins. CD5L is up-regulated in macrophages at inflammatory sites. It sustains inflammatory reactions by both increasing the phagocytic capacity of macrophages and impeding the apoptosis of local macrophages, NK cells, and T cells. CD5L functions as a pattern recognition molecule by binding both lipoteichoic acid (LTA) on Gram positive and lipopolysaccharide (LPS) on Gram negative bacteria. In the thymic cortex, CD5L protects cortical CD4+CD8+thymocytes from apoptosis. CD5L circulates in the serum in complex with IgM.

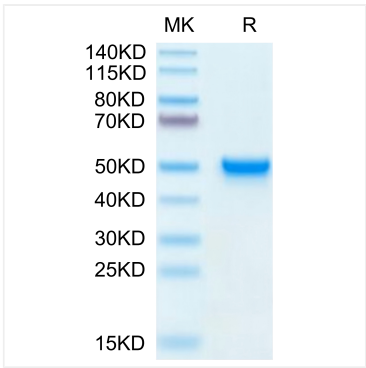
Recombinant Mouse CD5L Protein is produced by HEK293 Cells system. The target protein is expressed with sequence (Glu22-Val352) of Mouse CD5L (Accession #NP_033820.2) fused with His tag at the C-Terminus..

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

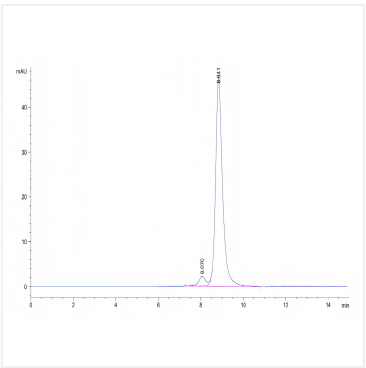
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse CD5L Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Mouse CD5L is greater than 95% as determined by SEC-HPLC.