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## Datasheet for ABIN7519798 CD5L Protein (His tag)

### Overview

Quantity:	10 µg
Target:	CD5L
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD5L protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human CD5L Protein
Sequence:	SPSGVRLVGG LHRCEGRVEV EQKGQWGTV C DDGWDIKDVA VLCRELGCGA ASGTPSGILY EPPAEKEQKV LIQSVSCTGT EDTLAQCEQE EYDCSHDED AGASCENPES SFSPVPEGVR LADGPGHCKG RVEVKHQNQW YTV CQTGWSL RAAKV VCRQL GCGRAVLTQK RCNKHAYGRK PIWLSQMSCS GREATLQDCP SGPWGKNTCN HD EDTWVECE DPF DLRLVGG DNLCSGRLEV LHKG VWG SVC DDNWGEKEDQ VVCKQLGCGK SLSPSFRDRK CYGPGVGRIW LDNVRCSGEE QSLEQCQHRF WGFHDCTHQE DVAVICSG
Specificity:	Ser20-Gly347
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

## Target Details

Target:	CD5L
Alternative Name:	CD5L ( <a href="#">CD5L Products</a> )
Background:	<p>Description: 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.</p> <p>Name: CD5L,AIM,API6,CT-2,PRO229,SP-ALPHA,Spalpha,hAIM</p>
Gene ID:	922
UniProt:	<a href="#">O43866</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Concentration:	0.61 mg/mL
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>