

## Active Recombinant Human CD5L Protein, His-tagged

Cat. No. CD5L-975H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD5L (Accession # O43866) Ser20-Gly347, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Ser20-Gly347
<b>Predicted N Terminal</b>	Ser20
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to inhibit apoptosis on the J774A.1 mouse reticulum cell sarcoma macrophage cells. Miyazaki, T. et al. (1999) J. Exp. Med. 189:413. The presence of rhCD5L inhibited rhFas Ligand induced apoptosis by 70 - 90%. The ED50 for this effect is typically 1 - 4 g/mL.
<b>Molecular Mass</b>	Recombinant Human CD5L, His-tagged has a calculated MW of 36.9 kDa. In SDS-PAGE migrates as 43 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	CD5L CD5 molecule-like [ Homo sapiens ]
<b>Official Symbol</b>	CD5L
<b>Synonyms</b>	CD5L; CD5 molecule-like; API6, apoptosis inhibitor 6 , CD5 antigen like (scavenger receptor cysteine rich family); CD5 antigen-like; Spalpha; CT-2; apoptosis inhibitor 6; igM-associated peptide; CD5 antigen-like (scavenger receptor cysteine rich family); AIM; API6; PRO229; SP-ALPHA;
<b>Gene ID</b>	922
<b>mRNA Refseq</b>	NM_005894
<b>Protein Refseq</b>	NP_005885
<b>MIM</b>	602592
<b>UniProt ID</b>	O43866
<b>Chromosome Location</b>	1q21-q23

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