

Recombinant Human CD5L protein, T7/His-tagged

Cat. No. CD5L-74H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD5L cDNA (20 – 347 aa, derived from BC033586) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-347 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRHHHHHHENLYFQGGEFSPSGVRLVGGLHRCEGRVEVEQKG QWGTVCDDGWDIKDVAVLCREL GCGAASGTPSGILYEPPAEKEQKVLIQSVSCTGT EDTLAQCEQEVEYDCSHDEDAGASCENPESSFSPVPEGVRL ADGPGHCKGRVEV KHQNQWYTVCTGWSLRAAKVVCRQLGCGRAVLTQKRCNKHAYGRKPIWLSQMS CSGREATL QDCPSGPWGKNTCNHDEDTWVECEDPFDLRLVGGDNLCSGRLEVLH KGVWGSVCDDNWGEKEDQVVCKQLGCGKS LSPSFRDRKCYGPGVGRIWLDNVR CSGEEQSLEQCQHRFWGFHDCTHQEDVAVICSG
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro non-glycosylated CD5L protein mediated lipolytic pathway regulation study with this protein as either coating matrix protein or as soluble factor.2. May be used for CD5L protein – protein interaction assay.3. May be used as

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enzymatic substrate for various proteases.4. Potential diagnostic and therapeutic target protein for controlling obesity disease.5. May be used for specific antibody production.

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION
Gene Name

CD5L CD5 molecule-like [Homo sapiens]

Official Symbol

CD5L

Synonyms

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)

Gene ID

922

mRNA Refseq

NM_005894

Protein Refseq

NP_005885

MIM

602592

UniProt ID

O43866

**Chromosome
Location**

1q21-q23

Function

scavenger receptor activity;

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