

Recombinant Human CD5L protein, His-tagged

Cat. No. CD5L-10965H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD5L protein(20-347 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	20-347 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	SPSGVRLVGGLHRCEGRVEVEQKGQWGTVCDDGWDIKDVAVLCRELGC GAASGT PSGILYEPPAEKEQKVLIQSVSCTGTEDTLAQCEQE EVYDCSHDEDAGASCENPES SFSPVPEGVRLADGPGHCKGRVEVKHQNQWYTV CQTGWSLRAAKVVCRQLGCGR AVLTQKRCNKHAYGRKPIWLSQMSCSGREATLQDCPSGPWGKNTCNHDEDTWVE CEDPFDLRLVG GDNLC SGRLEVLHKG VWG SV CDDNWGEKEDQVVCKQLGCGKSL SPSFRDRKCYGPGVGRIWLDNVRCSGEEQSLEQCQH RFWGFHDCTHQEDVAVICS G
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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); AIM; API6; PRO229; SP-ALPHA;

Gene ID 922

mRNA Refseq NM_005894

Protein Refseq NP_005885

MIM 602592

UniProt ID O43866

SDS-PAGE

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