

## CD5 Molecule-Like Human Recombinant

<b>Item Number</b>	rAP-0047
<b>Synonyms</b>	CD5 antigen-like, CT-2, IgM-associated peptide, SP-alpha, CD5L, API6, AIM, API6, PRO229, Spalpha.
<b>Description</b>	CD5L Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 20-347) containing 337 amino acids including a 9 a.a N-terminal His tag. The total molecular mass is 37.2kDa (calculated).
<b>Uniprot Accession Number</b>	O43866
<b>Amino Acid Sequence</b>	MKHHHHHHAS PSGVRLVGGL HRCEGRVEVE QKGQWGTVCD DGWDIKDVAV LCRELGCGAA SGTPSGILYE PPAAKEQKVL IQSVSCTGTE DTLAQCEQEE VYDCSHDEDA GASCENPESS FSPVPEGVRL ADGPGHCKGR VEVKHQNWY TVCQTGWSLR AAKVVCRLG CGRAVLTKQR CNKHAYGRKP IWLSQMCSG REATLQDCPS GPWGKNTCNH DEDTWECED PFDLRLVGGD NLCSGRLEVL HKGVWGSVCD DNWGEKEDQV VCKQLGCGKS LSPSFRDRKC YGPGVGRIWL
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	CD5L filtered (0.4 µm) and lyophilized from 0.5mg/ml in 50mM Tris buffer, pH 8.6. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 200µl deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. CD5L is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**