

CD5 Molecule-Like Human Recombinant, HEK

Item Number	rAP-0048
Synonyms	CD5 antigen-like, CT-2, IgM-associated peptide, SP-alpha, CD5L, API6, AIM, API6, PRO229, Spalpha.
Description	CD5L Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Ser20-Gly347) containing a total of 334 amino acids, having a calculated molecular mass of 36.9kDa and fused to a 6 aa His tag at C-Terminus.
Uniprot Accession Number	O43866
Amino Acid Sequence	SPSGVRLVGG LHRCEGRVEV EQKGQWGTVC DDGWDIKDVA VLCRELGCGA ASGTPSGILY EP-PAEKEQKV LIQSVSCTGT EDTLAQCEQE EYDCHDED AGASCENPES SFSPVPEGVR LADGPGH-CKG RVEVKHQNQW YTVCCQTGWSL RAAKVVCRL GCGRAVLTQK RCNKHAYGRK PIWLSQMSSCS GREATLQDCP SGPWGKNTCN HDEDTWVECE DPFDLRLVGG DNLCSGRLEV LHKGVWGSVC DDNWGEKEDQ VVCKQLGCGK SLSPSFRDRK CYGPGVGRIW LDNVRCSGEE QSLEQCQHRF
Source	HEK 293.
Physical Appearance and Stability	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.
Formulation and Purity	CD5L was filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. CD5L is not sterile! Please filter the product by an appropriate sterile filter before using
Biological Activity	
Shipping Format and Condition	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**