

CD5 Human Recombinant

Item Number	rAP-0084
Synonyms	CD5 Molecule, CD5, LEU1, CD5 Antigen (P56-62), Lymphocyte Antigen T1/Leu-1, T1, T-Cell Surface Glycoprotein CD5, CD5 Antigen.
Description	CD5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 371 amino acids (25-372) and having a molecular mass of 41.0 kDa. CD5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P06127
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSRLSWYDP DFQARLTRSN SKCQGQLEVY LKDGWHMVCS QSW-GRSSKQW EDPSQASKVC QRLNCGVPLS LGPFLVITYTP QSSIICYGQL GSFSNCSHSR NDMCHSLGLT CLEPQKTTTP TTRPPPTTTP EPTAPPRLQL VAQSGGQHCA GVVEFYSGSL GGTISYEAQD KTQDLENFLC>NNLQCGSFLK HLPETEAGRA QDPGEPREHQ PLPIQWKIQN SSCTSLEHCF RKIKPQKSGR VLALLCSGFQ PKVQSRLVGG SSICEGTVEV RQGAQWAALC DSSSARSSLR WEE-
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CD5 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
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**