

CD59 Human Recombinant

Item Number	rAP-0078
Synonyms	CD59 Molecule Complement Regulatory Protein, CD59 Antigen P18-20, CD59 Glycoprotein, Surface Antigen Recognized By Monoclonal Antibody 16.3A5, Membrane Attack Complex (MAC) Inhibition Factor, Lymphocytic Antigen CD59/MEM43, Human Leukocyte Antigen MIC11,
Description	CD59 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 100 amino acids (26-102) and having a molecular mass of 11.3kDa. CD59 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P13987
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS LQCYNCP NPTADCKTAV NCSSDFDA CL ITKAGLQVYN KCWK-FEHCNF NDVTTRLREN ELTYYCCKKD LCNFNEQLEN.
Source	Escherichia 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 CD59 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. Greater than 85% 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**