

CD47 Human Recombinant

Item Number	rAP-0046
Synonyms	CD47 Molecule, Antigenic Surface Determinant Protein OA3, CD47 Antigen (Rh-Related Antigen, Integrin-Associated Signal Transducer), Antigen Identified By Monoclonal Antibody 1D8, Integrin Associated Protein, Integrin-Associated Protein, Rh-Related Antigen
Description	CD47 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (19-141 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 129 amino acids and having a molecular mass of 14.7kDa. CD47 shows multiple bands between 18-28kDa on SDS-PAGE, reducing conditions and purified
Uniprot Accession Number	Q08722
Amino Acid Sequence	QLLFNKT KSV EFTFCNDTVV IPCFVTNMEA QNTTEVYVKW KFKGRDIYTF DGALNKSTVP TDFSSAKIEV SLLKGDASL KMDKSDAVSH TGNYTCEVTE LTREGETIIE LKYRVVSWFS PNEHHHHHH.
Source	Sf9, Baculovirus cells.
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	CD47 protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95.0% 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**