9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD47 Human

CD47 Human Recombinant
CDA0083

Product Overview

Name	CD47 Human
Description	
CD47 Human Recombinant	
Accession (Primary)	Q08722
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, CD47 Glycoprotein, MER6, IAP, Integrin-Associated Signal Transducer, Leukocyte Surface Antigen CD47, CD47 Antigen, Protein MER6, OA3, CD47.	
Introduction	
CD47, functions in cell adhesions by performing as an adhesion receptor for THBS1 on platelets, furthermore CD47 plays a role in the modulation of integrins. In addition, CD47 takes a vital part in memory formation as well as synaptic plasticity in the hippocampus. Receptor for SIRPA avoids maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. CD47 prevents premature elimination of red blood cells, and it is also implicated in membrane permeability changes induced following virus infection.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CD47 protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
QLLFNKTKSV EFTFCNDTVV IPCFVTNMEA QNTTEVYVKW KFKGRDIYTF DGALNKSTVP TDFSSAKIEV	

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SQLLKGDASL KMDKSDAVSH TGNYTCEVTE LTREGETIIE LKYRVVSWFS PNE HHHHHH .

Precautions

CD47 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q08722)