

# Recombinant Cynomolgus monkey CD47 Protein, Fc-tagged

Cat. No. CD47-638C Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus monkey CD47 protein with Fc tag was expressed in HEK293.
<b>Species</b>	Cynomolgus
<b>Source</b>	HEK293
<b>ProteinLength</b>	307
<b>Description</b>	This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for this gene.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	40.5 kDa
<b>AA Sequence</b>	GSAQLLFNKTKSVEFTFCNDTVVIPCFTVNMEAQNTTEVYVKWKFKGRDIYTFDGAL NKSTAPANFSSAKIEVSQLLKGDASLKMDKSDAVSHTGNYTCEVTELTREGETIIEELK YRVVSWFSPNENILIVIFPIFAILLFWGQFGIKTLKYRSGGMDEKTIALLVAGLMITVIVI VGAILFVPGEYSLKNATGLGLIVTSTGILILLHYVVFSTAIGLTSFVIALVIQVIAYILAVV

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	GLSLCIAACIPMHGPLLISGLSILALAQLLGLVYMKFVASNQKTIQPPRKAVEEPLNAF KESKGMND
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	CD47 CD47 molecule [ <i>Macaca mulatta</i> (Rhesus monkey) ]
<b>Official Symbol</b>	CD47
<b>Synonyms</b>	CD47; CD47 molecule; leukocyte surface antigen CD47;
<b>Gene ID</b>	704980

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mRNA Refseq [NM\\_001266517](#)

Protein Refseq [NP\\_001253446](#)

UniProt ID [A0A2K6DDL9](#)

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