

Recombinant Cynomolgus monkey CD47 Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey CD47 protein with Fc tag was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	307
Description	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.
Form	Lyophilized
Molecular Mass	40.5 kDa
AA Sequence	GSAQLLFNKTKSVEFTFCNDTVVIPCFTVNMEAQNTTEVYVKWKFKGRDIYTFDGAL NKSTAPANFSSAKIEVSQLLKGDASLKMDKSDAVSHTGNYTCEVTELTREGETIIEELK YRVVSWFSPNENILIVIFPIFAILLFWGQFGIKTLKYRSGGMDEKTIALLVAGLMITVIVI VGAILFVPGEYSLKNATGLGLIVTSTGILILLHYVVFSTAIGLTSFVIALVIQVIAYILAVV

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	GLSLCIAACIPMHGPLLISGLSILALAQLLGLVYMKFVASNQKTIQPPRKAVEEPLNAF KESKGMMND
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	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.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	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

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

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mRNA Refseq	NM_001266517
Protein Refseq	NP_001253446
UniProt ID	A0A2K6DDL9

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