

# Recombinant Rat Cd47 Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Cd47-8767RAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant Rat Cd47 (P97829-1) (Met1-Lys140), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	133
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant rat CD47 comprises 133 amino acids and predicts a molecular mass of 15.2 kDa. The apparent molecular mass of the recombinant protein is approximately 27-35 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	Cd47 integrin-associated protein [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	Cd47
<b>Gene ID</b>	113934

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