

# Recombinant Human CD47 Protein, His-tagged, OVA Conjugated

**Cat. No.** CD47-2784H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	OVA Conjugated Recombinant Human CD47 Protein (Glu308-Glu323) fused with a N-His tag.
<b>Species</b>	Human
<b>Source</b>	Protein Conjugation
<b>ProteinLength</b>	Glu308-Glu323
<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>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 16 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.
<b>Conjugation</b>	OVA

## GENE INFORMATION

<b>Gene Name</b>	CD47 CD47 molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD47
<b>Synonyms</b>	CD47; CD47 molecule; IAP; OA3; MER6; leukocyte surface antigen CD47; CD47 antigen (Rh-related antigen, integrin-associated signal transducer); CD47 glycoprotein; Rh-related antigen; antigen identified by monoclonal antibody 1D8; antigenic surface determinant protein OA3; integrin associated protein; integrin-associated signal transducer
<b>Gene ID</b>	961
<b>mRNA Refseq</b>	NM_001777
<b>Protein Refseq</b>	NP_001768

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<b>MIM</b>	601028
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<b>UniProt ID</b>	Q08722
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