

Recombinant Human CD47 Protein, His-tagged, OVA Conjugated

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

SPECIFICATION

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

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
Conjugation	OVA

GENE INFORMATION

Gene Name	CD47 CD47 molecule [Homo sapiens (human)]
Official Symbol	CD47
Synonyms	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
Gene ID	961
mRNA Refseq	NM_001777
Protein Refseq	NP_001768

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MIM	601028
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UniProt ID	Q08722
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