

CD47 recombinant protein

Biotinylated Human CD47 Protein Recombinant

CATALOG #	HOST
AAA76197	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

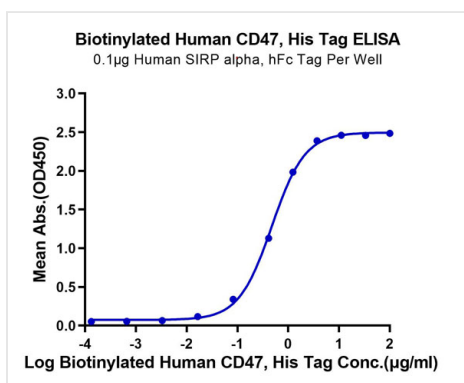
PRODUCT SYNONYMS

CD47; Biotinylated Human CD47 Protein Recombinant; CD47 recombinant protein

PRODUCT SPECIFICATIONS

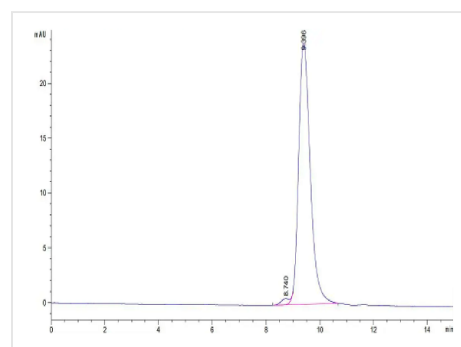
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human CD47 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human CD47 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Biological Process	Cell-adhesion
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



ELISA

Biotinylated Human CD47 Protein ELISA Data: Immobilized Human SIRP alpha, hFc Tag at 1µg/ml (100?l/Well) on the plate. Dose response curve for Biotinylated Human CD47, His Tag with the EC50 of 0.48?g/ml determined by ELISA.



Application Data

Biotinylated Human CD47 Protein SEC-HPLC: The purity of Biotinylated Human CD47 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human CD47 Protein Tris-Bis PAGE Biotinylated Human CD47 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD47 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1171879
NCBI GeneID	961
UniProt Accession #	Q08722; Q53Y71; Q96A60; A8K198; D3DN59
Molecular Weight	323
NCBI Official Full Name	Leukocyte surface antigen CD47
NCBI Official Synonym Full Names	CD47 molecule
NCBI Official Symbol	CD47
NCBI Official Synonym Symbols	IAP; OA3; MER6
NCBI Protein Information	leukocyte surface antigen CD47; CD47 glycoprotein; Rh-related antigen; integrin associated protein; integrin-associated protein; integrin-associated signal transducer; antigenic surface determinant protein OA3; antigen identified by monoclonal antibody 1D
UniProt Protein Name	Leukocyte surface antigen CD47
UniProt Gene Name	CD47
UniProt Synonym Gene Names	MER6; IAP
UniProt Entry Name	CD47_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/cd47-recombinant-protein-hek293-cells/76197>