

CD47/MER6 recombinant protein

Recombinant Human CD47/MER6, C-His

CATALOG # AAA120498	HOST Mammalian cells	APPLICATIONS ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

CD47/MER6; Recombinant Human CD47/MER6; C-His; Leukocyte surface antigen CD47; CD47; Antigenic surface determinant protein OA3; IAP; Integrin-associated protein; Protein MER6; MER6; Drug Target; CD47/MER6 recombinant protein

PRODUCT SPECIFICATIONS

Host	Mammalian cells
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from a solution in PBS pH7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Sequence Positions	Met1-Glu141
Sequence Length	Met1-Glu141
Applicable Applications for CD47/MER6 recombinant protein	ELISA, WB (Western Blot), SDS-PAGE
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.

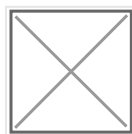
IMAGES


Bioactivity

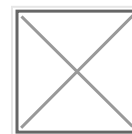
Detects Human CD47/MER6(CC-90002) in indirect ELISAs.


Bioactivity

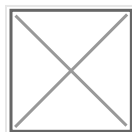
Detects Ligufalimab in indirect ELISAs.


Bioactivity

Detects Human CD47/MER6 Antibody (B6H12) in indirect ELISAs.


Bioactivity

Detects Lemzoparlimab in indirect ELISAs.


SDS-PAGE

SDS PAGE for recombinant Human CD47 / MER6

ADDITIONAL INFORMATION

Product Categories/Family for CD47/MER6 recombinant protein	Recombinant Proteins
References	The CD47-SIRPalpha Immune Checkpoint. PMID: 32433947 Advances in Anti-Tumor Treatments Targeting the CD47/SIRPalpha Axis. PMID: 32082311 The CD47-SIRPalpha signaling axis as an innate immune checkpoint in cancer. PMID: 28258703 CD47: role in the immune system and application to cancer therapy. PMID: 31485984 CD47: the next checkpoint target for cancer immunotherapy. PMID: 32535479

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-mammalian-cells-elisa-wb-western-blot-sds-page/120498>