

CD47 recombinant protein

Recombinant Rat CD47 Protein

CATALOG # AAA282589	HOST HEK293 cells
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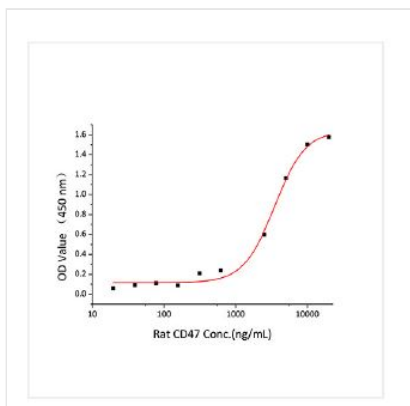
PRODUCT SYNONYMS

CD47; Recombinant Rat CD47 Protein; Itgp; CD47 recombinant protein

PRODUCT SPECIFICATIONS

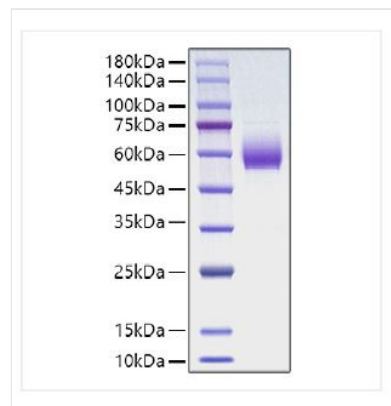
Host	HEK293 cells
Purity/Purification	> 97% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Rat
Tag	C-hFc
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Human CD172a at 2 ug/mL (100 uL/well) can bind Human CD47 with a linear range of 19.5-3491.5ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized Human CD172a at 2 ug/mL (100 uL/well) can bind Human CD47 (#AAA282589) with a linear range of 19.5-3491.5ng/mL.



SDS-PAGE

Active Recombinant Rat CD47 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 57-62 kDa.

ADDITIONAL INFORMATION

Related Product Information for CD47 recombinant protein	Recombinant Rat CD47 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln 19 - Lys 140) of rat CD47 (Accession #NP_062068.1) fused with and a hFc tag at the C-terminus.
Product Categories/Family for CD47 recombinant protein	Bio-Markers & CD Antigens

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506469
NCBI GeneID	29364
NCBI Accession #	NP_062068.1
NCBI GenBank Nucleotide #	NM_019195.2
UniProt Accession #	P97829; O35294
Molecular Weight	32,995 Da
NCBI Official Full Name	leukocyte surface antigen CD47
NCBI Official Synonym Full Names	Cd47 molecule
NCBI Official Symbol	Cd47
NCBI Official Synonym Symbols	Itgp; MGC93490
NCBI Protein Information	leukocyte surface antigen CD47; IAP; integrin-associated protein; CD47 antigen (Rh-related antigen, integrin-associated signal transducer)
UniProt Protein Name	Leukocyte surface antigen CD47
UniProt Gene Name	Cd47
UniProt Entry Name	CD47_RAT

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/282589>