

Datasheet for ABIN7607604

CD47 Protein (CD47) (AA 19-158) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD47
Protein Characteristics:	AA 19-158
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD47 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CD47/MER6 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. When recombinant Mouse SIRP alpha/CD172a is coated at 2 µg/mL, recombinant Mouse CD47/MER6 (Cat #: AMG17601) binds with an apparent Kd <0.6 nM. Also measured by its ability to antagonize mouse red blood cell adhesion to immobilized recombinant Mouse SIRP alpha/CD172a. The ED50 for this effect is 2.0-8.0 µg/mL.

Target Details

Target:	CD47
Alternative Name:	CD47 (CD47 Products)
Background:	Leukocyte surface antigen CD47 isoform X1, CD47
UniProt:	Q61735

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months