

Recombinant Mouse CD47/MER6 Protein, C-His (Active)

Summary

Catalog No.	AMG17601
Alternative Names	leukocyte surface antigen CD47 isoform X1, CD47
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
Biological activity	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 K_d <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.
Endotoxin level	<0.1 EU/µg of the protein by the LAL method.
Expression system	Mammalian Cells
Accession	Q61735
Protein length	Gln19-Phe158
Nature	Recombinant
Stability and Storage	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.



Recombinant Proteins & Antibodies

Reconstitution

Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

Species

Mus musculus (Mouse)

Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

Note

For research use only.

Data Image
