

## Datasheet for ABIN7607266 **C5 Protein (AA 679-755)**

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### Overview

Quantity:	50 µg
Target:	C5
Protein Characteristics:	AA 679-755
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

### Product Details

Purpose:	Recombinant Mouse C5/Complement C5 Protein, No tag (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 ability to induce N-acetyl-beta -D-glucosaminidase release from differentiated human histiocytic lymphoma cells (U937). The ED50 for this effect is 5-20 ng/mL.

### Target Details

Target:	C5
Alternative Name:	Complement C5 ( <a href="#">C5 Products</a> )
Background:	Complement C5, Hemolytic complement, Complement C5 beta chain, Complement C5 alpha

## Target Details

chain, C5a anaphylatoxin, Complement C5 alpha' chain, C5, Hc

UniProt: [P06684](#)

Pathways: [Complement System](#), [Carbohydrate Homeostasis](#)

## 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