

Datasheet for ABIN5713336

## CD59 Protein (CD59) (AA 26-102) (His tag)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	CD59
Protein Characteristics:	AA 26-102
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD59 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	LQCYNCPNPT ADCKTAVNCS SDFDACLITK AGLQVYNKCW KFEHCNFNDV TTRLRENELT YYCCKKDLN FNEQLEN
Purification:	SDS-PAGE
Purity:	> 90 %

#### Target Details

Target:	CD59
Alternative Name:	CD59 ( <a href="#">CD59 Products</a> )
Background:	Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be

Target Details

species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase. The soluble form from urine retains its specific complement binding activity, but exhibits greatly reduced ability to inhibit MAC assembly on cell membranes.

Molecular Weight:	11 kDa
UniProt:	<a href="#">P13987</a>
Pathways:	<a href="#">Complement System</a>

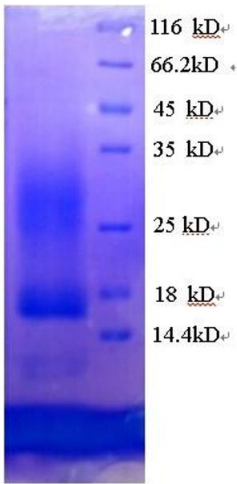
Application Details

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

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.