

Datasheet for ABIN5709239
CD59 Protein (CD59) (AA 26-102) (GST tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CD59
Protein Characteristics:	AA 26-102
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD59 protein is labelled with GST 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 (CD59 Products)
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: 36.4 kDa

UniProt: [P13987](#)

Pathways: [Complement System](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

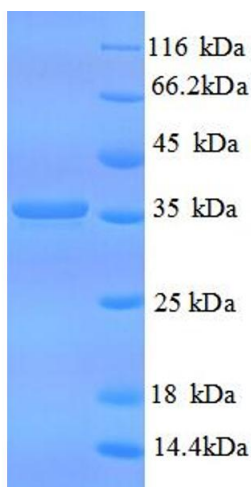
Concentration: 0.1-2 mg/mL

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.