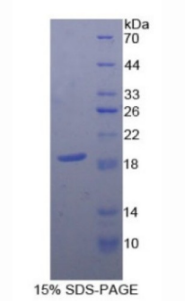
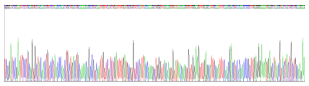
Human CD59 Glycoprotein (CD59) Protein

Catalogue No.:abx068725



SDS-PAGE analysis of recombinant Human CD59 Protein.



Gene sequencing extract of Human CD59.

Human CD59 Protein is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

Target:	CD59 Glycoprotein (CD59)
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 97%
Reconstitution:	Reconstitute in ddH_2O to a concentration of 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P13987 (UniProt, ExPASy)

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Molecular Weight:	Calculated MW: 15.7 kDa Observed MW (SDS-PAGE): 19 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Leu26-Asn102
Sequence:	LQCYN CPNPTADCKT AVNCSSDFDA CLITKAGLQV YNKCWKFEHC NFNDVTTRLR ENELTYYCCK KDLCNFNEQL EN
Tag:	N-terminal His tag and SUMO tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 μg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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