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Produktinformation

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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD59 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000966-T06 **規格 :** [100 uL]

List All

Specification

Transfected Cell Line: 293T

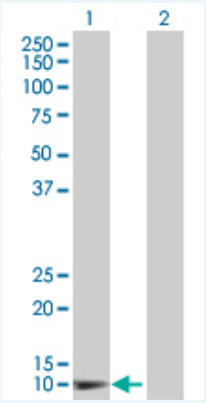
Plasmid: pCMV-CD59 full-length

Host: Human

Theoretical MW (kDa): 14.19

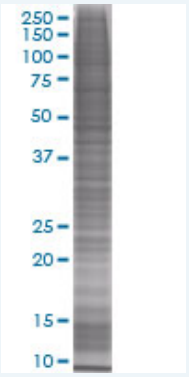
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CD59 antibody (H00000966-B04) by Western Blots.

Western Blot



Lane 1: CD59 transfected lysate (14.19 KDa)
Lane 2: Non-transfected lysate.

SDS-PAGE Gel



CD59 transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

Western Blot

Application Image

Western Blot

Gene Information

Entrez GeneID:	966
GeneBank Accession#:	BC001506
Protein Accession#:	AAH01506
Gene Name:	CD59
Gene Alias:	16.3A5,1F5,EJ16,EJ30,EL32,FLJ38134,FLJ92039,G344,HRF-20,HRF20,MAC-IP,MACIF,MEM43,MGC2354,MIC11,MIN1,MIN2,MIN3,MIRL,MSK21,p18-20
Gene Description:	CD59 molecule, complement regulatory protein
Omim ID:	107271
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. This protein also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and which causes cerebral infarction. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene. [provided by RefSeq
Other Designations:	20 kDa homologous restriction factor,CD59 antigen,CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344),CD59 glycoprotein,Ly-6-like protein,T cell-activating protein,human leukocyte antigen MIC11,lymphocytic a

Gene Pathway

Complement and coagulation cascades Hematopoietic cell lineage

Related Disease

Genetic Predisposition to Disease Lymphoma, Non-Hodgkin Macular Degeneration