

Recombinant Human CD59 Protein

Cat. No. CD59-6744H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human CD59 Protein was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| Form | Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.0, with 1 mM DTT, 5 % trehalose. |
| Molecular Mass | Approximately 9.0 kDa, a single non-glycosylated polypeptide chain containing 77 amino acids. |
| AASequence | LQCYNCNPNTADCKTAVNCSSDFDAKLITKAGLQVYNKCWKFEHCNFDVTTTLRE NELTYYCCKKDLNCFNEQLEN |
| Endotoxin | Less than 0.1 EU/µg of rHuCD59 as determined by LAL method. |
| Purity | > 97 % by SDS-PAGE analyses. |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name [CD59](#) [CD59 molecule, complement regulatory protein \[Homo sapiens \]](#)

Official Symbol [CD59](#)

Synonyms

CD59; CD59 molecule, complement regulatory protein; CD59 antigen p18 20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344) , CD59 antigen, complement regulatory protein , MIC11, MIN1, MIN2, MIN3, MSK21; CD59 glycoprotein; 16.3A5; EJ16; EJ30; EL32; G344; p18 20; protectin; 1F5 antigen; MEM43 antigen; Ly-6-like protein; T cell-activating protein; human leukocyte antigen MIC11; lymphocytic antigen CD59/MEM43; 20 kDa homologous restriction factor; membrane inhibitor of reactive lysis; membrane attack complex inhibition factor; membrane attack complex (MAC) inhibition factor; surface anitgen recognized by monoclonal 16.3A5; CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344); 1F5; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; HRF-20; MAC-IP; p18-20; MGC2354; FLJ38134; FLJ92039;

Gene ID [966](#)

mRNA Refseq [NM_000611](#)

Protein Refseq [NP_000602](#)

MIM [107271](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P13987

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA