

## Cluster of Differentiation 59 (CD59) Recombinant Protein | CD59 recombinant protein

Eukaryotic Cluster of Differentiation 59 (CD59)

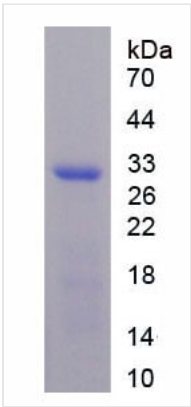
|                               |                          |                                               |
|-------------------------------|--------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA152114</b> | HOST<br><b>293F cell</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|--------------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Cluster of Differentiation 59 (CD59); Eukaryotic Cluster of Differentiation 59 (CD59); CD59/Cluster of Differentiation 59; Protectin; MIC11; MIN1; MIN2; MIN3; MSK21; MAC-IP; MACIF; MIRL; HRF20; Complement Regulatory Protein; 20 kDa homologous restriction factor; Membrane attack complex inhibition factor; CD59 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                 | 293F cell                                                                                                    |
| Purity/Purification                                  | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                          | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.<br>Freeze-dried powder               |
| Sequence                                             | Leu26~Asn1 02                                                                                                |
| Applicable Applications for CD59 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                    | Eukaryotic expression                                                                                        |
| Species                                              | Human                                                                                                        |
| Isoelectric Point                                    | 5                                                                                                            |
| Tag                                                  | N-terminal His Tag                                                                                           |
| Endotoxin Level                                      | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Reconstitution                                       | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.                          |
| Subcellular Location                                 | Membrane, Secreted                                                                                           |
| Preparation and Storage                              | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |



Sequence

LQCYN CPNPTADCKT AVNCSSDFDA  
CLITKAGLQV YNKCKWFEHC NFNDVTTRLR ENELTYYCCK KDLCNFNEQL  
EN

SDS-PAGE  
SDS-PAGE

ADDITIONAL INFORMATION

|                                                        |                                                                                        |
|--------------------------------------------------------|----------------------------------------------------------------------------------------|
| Product Categories/Family for CD59 recombinant protein | CD & Adhesion molecule; Tumor immunity; Hematology; Eukaryotic Recombinant proteins/EP |
|--------------------------------------------------------|----------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 42716299                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 966                                                                                                                                                                                                                                                             |
| NCBI Accession #                 | NP_976076.1                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_203331.2                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P13987                                                                                                                                                                                                                                                          |
| Molecular Weight                 | 14,177 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | CD59 glycoprotein preproprotein                                                                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | CD59 molecule, complement regulatory protein                                                                                                                                                                                                                    |
| NCBI Official Symbol             | CD59                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | 1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20                                                                                                                                          |
| NCBI Protein Information         | CD59 glycoprotein; 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 att |
| UniProt Protein Name             | CD59 glycoprotein                                                                                                                                                                                                                                               |
| UniProt Gene Name                | CD59                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | MIC11; MIN1; MIN2; MIN3; MSK21; HRF-20; HRF20; MAC-IP; MACIF; MIRL                                                                                                                                                                                              |
| UniProt Entry Name               | CD59_HUMAN                                                                                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.