Recombinant Rhesus monkey CD59 protein, His & S-tagged

Cat. No. CD59-6833R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus monkey CD59 aa. (His21~Leu107 (Accession # Q8SQ46)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rhesus macaque
Source	E.coli
ProteinLength	His21~Leu107
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

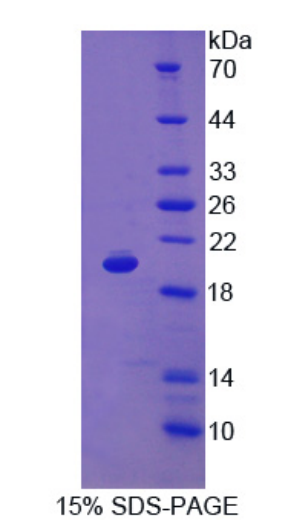
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CD59 CD59 molecule (CD59 blood group) [Macaca mulatta (Rhesus monkey)]
Official Symbol	CD59
Synonyms	CD59 glycoprotein preproprotein; Membrane attack complex inhibition factor; CD59 glycoprotein
Gene ID	693402
mRNA Refseq	NM_001261705.1
Protein Refseq	NP_001248634.1
UniProt ID	Q8SQ46

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SDS-PAGE	 15% SDS-PAGE

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