

Recombinant Human CD59 Protein (Leu26-Asn102), GST tagged

Cat. No. CD59-0955H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD59 (Leu26-Asn102) fused with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu26-Asn102
Description	Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.
Form	Lyophilized powder/frozen liquid
Molecular Mass	34.83 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles.

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	Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	CD59 CD59 molecule, complement regulatory protein [Homo sapiens (human)]
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 antigen 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; M1RL; HRF20; MACIF; MEM43; MIC11; MSK21; HRF-20; MAC-IP; p18-20; MGC2354; FLJ38134; FLJ92039;
Gene ID	966
mRNA Refseq	NM_000611

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Protein Refseq	NP_000602
MIM	107271
UniProt ID	P13987

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