

Recombinant Human CD59

Catalog No: #GP13475



Package Size: #GP13475-1 100ug

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Description

Product Name	Recombinant Human CD59
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 26-102 amino acids of human CD59
Target Name	CD59 molecule (CD59 blood group)
Other Names	1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20
Accession No.	Swissprot:P13987Gene Accession:BC001506
Uniprot	P13987
GenID	966;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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