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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD59 (Human) Recombinant Protein (P01)

Catalog Number: H00000966-P01

Regulation Status: For research use only (RUO)

Product Description: Human CD59 full-length ORF (NP_000602.1, 1 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGIQGGSVLFGLLLVLAVFCHSGHSLQCYNCNPNTAD
CKTAVNCSSDFDAKLITKAGLQVYNKCWKFEHCNFND
VTTRLRENELTYCCKKDLGNFNEQLENGGTSLSSEKT
VLLLVTPLAAAWSLHP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 40.6

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 966

Gene Symbol: CD59

Gene Alias: 16.3A5, 1F5, EJ16, EJ30, EL32, FLJ38134, FLJ92039, G344, HRF-20, HRF20, MAC-IP, MACIF, MEM43, MGC2354, MIC11, MIN1, MIN2, MIN3, MIRL, MSK21, p18-20

Gene Summary: 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. [provided by RefSeq]