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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD46 (Human) Recombinant Protein (P01)

Catalog Number: H00004179-P01

Regulation Status: For research use only (RUO)

Product Description: Human CD46 full-length ORF (NP_722548.1, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MEPPGRRECPFPSWRFPGLLLAAMVLLLYSFSACEE  
PPTFEAMELIGKPKPYEIGERVDYKCKKGYFYIPPLAT  
HTICDRNHTWLPVSDDACYRETCPIYIRDPLNGQAVPA  
NGTYEFGYQMHFICNEGYYLIGEEILYCELKGSVAIWS  
GKPPICEKVLCTPPPPIKNGKHTFSEVEVFEYLDVAVTY  
SCDPAPGDPFSLIGESTIYCGDNSVWSRAAPECKVV  
KCRFPVVENGGKQISGFGKFFYKATVMFECDKGFYLD  
GSDTIVCDSNSTWDPPVPKCLKVSTSSSTTKSPASSAS  
GPRPTYKPPVSNYPGYPKPEEGILDSLVDVWVIAVIVIAI  
VVGVAVICVVPYRYLQRRKKKGGKADGGAEYATYQTKS  
TTPAEQRG
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 69.1

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: 4179

Gene Symbol: CD46

Gene Alias: MCP, MGC26544, MIC10, TLX, TRA2.10

Gene Summary: The protein encoded by this gene is a type I membrane protein and is a regulatory part of the complement system. The encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, the encoded protein can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic *Neisseria*. Finally, the protein encoded by this gene may be involved in the fusion of the spermatozoa with the oocyte during fertilization. This gene is found in a cluster on chromosome 1q32 with other genes encoding structural components of the complement system. At least fourteen different transcript variants encoding fourteen different isoforms have been found for this gene. [provided by RefSeq]