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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD46 (Human) Recombinant Protein

Catalog Number: P9089

Regulation Status: For research use only (RUO)

Product Description: Human CD46 (P15529, 35 a.a. - 313 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in *Baculovirus*.

Sequence:

```
ADLCEEPPTFEAMELIGKPKPYEIGERVDYKCKKGYF
YIPPLATHICDRNHTWLPVSDDACYRETCPIYIRDPLN
GQAVPANGTYEFGYQMHFICNEGYYLIGEEILYCELKG
SVAIWSGKPPICEKVLCTPPP KIKNGKHTFSEVEVFEYL
DAVTYSCDPAPGDPFSLIGESTIYCGDNSVWSRAAP
ECKVVKCRFPVVENGGKQISGFGKFFYYKATVMFEC DK
GFYLDGSDTIVCDNSTWDPPV PKCLKGPRPTYKPPV
SNYPGYPKPEEGILDSL DHHHHHHH
```

Host: *Nicotiana glauca*

Theoretical MW (kDa): 32.5

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: *Baculovirus* expression system

Purity: > 90% by SDS-PAGE.

Storage Buffer: PBS (pH7.4) and 10% glycerol.

Storage Instruction: Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

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]