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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD46 (Human) Recombinant Protein

Catalog Number: P9088

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 N-Terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMGSCPEPPTFEAMELI
GKPKPYEIGERVDYKCKKGYFYIPLATHITICDRNHT
WLPVSDDACYRETCPIYIRDPLNGQAVPANGTYEFGY
QMHFICNEGYYLIGEEILYCELGKGSVAIWSGKPPICEKV
LCTPPPKIKNGKHTFSEVEVFEYLDVAVTYSCDPAGPD
PFSLIGESTIYCGDNSVWSRAAPECKVVKCRFPVVEN
GKQISGFGKKFYKATVMFECDKGFYLDGSDTIVCDS
NSTWDPPVPKCLKGPRPTYKPPVSNYPGYPKPEEGIL
DSL D.

Host: *Escherichia coli*

Theoretical MW (kDa): 33.8

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

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 85% by SDS-PAGE.

Storage Buffer: 20mM Tris-HCl buffer (pH 8.0), 0.1M
NaCl and 20% 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]