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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

C3 (Human) Recombinant Protein

Catalog Number: P9738

Regulation Status: For research use only (RUO)

Product Description: Human C3 (P01031-1, 19 a.a. - 1676 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.

Sequence:

QEQTYYVISAPKIFRVGASENIVIQVYGYTEAFDatisIKS
YpDKKFSYSSGHVHLSSenkFQNSAILTIQPKQLPGGQ
NPVSYVYLEVVSKHFskSRMPITYDNGLFIHTDKPV
YTPDQSVKVRVYSLNDDLKPAKRETVLTFIDPEGSEVD
MVEEIDHIGIISFPDFKIPSNPRYGMWTIKAKYKEDFSTT
GTAYFEVKEYVLPHFsvSIEPEYNFIGYKNFKNFEITIKA
RYFYnkVVTEADVITFGIREDLKDDQKEMMQTAMQN
TMLINGIAQVTFDSETAVKELSYsLEDLNKYLIAVt
VIESTGGFSEEAeIPGIKYVLSpyKLNlVATPLFLKPGIP
YPIKvQVKDSLdQLVGGVPVTLNAQTIDVNQETSdLDP
SKSVTRVDDGvasfVlnLPSGVTvLEFNvKTdAPDLP
EENQAREGYRAIAYSSLSQSYLYIDWTDNHKALLVGE
HLNIIVTPKSPYIDKITHYNYLILSKGKIIHFGTREKFSDA
SYQSINIPVTQNMVPSRLLVYYIVTGEQTAELVSDSV
WLNIEEKCGNQLQVHLSPDADAYSPGQTVSLNMATG
MDSWVALAAVDSAVYGVQRGAkkPLERVFQFLEKSD
LGCGAGGGLNNANVFHLAGLTLTNANADDSQENDE
PCKEILRRRTLQKKIEEIAAKYKHSVvKCCYDGACV
NNDetCEQRAARISLGRICAFTECCVVASQLRANIS
HKDMQLGRLHMKTLlPvSKPEIRSYFPESWLWEVHLV
PRRKLQFALPDSLTTWEIQGVGISNTGICVADTVKAK
VFKDVfLEMNIPYSVVRGEIQlKGTvYNYRtSGMQF
CVKMSAVEGICTSESPVIDHQGTkSSKcVRQKVEGSS
SHLVtFTVlPLEIghLNINfSLETWfGKEILvKTLRVVPE
GVKRESYSGVTLDPrgiYGTISRRKEFPYRIPLDLVPKT
EIKRILSVKGLLVEILSAVLSQEGINILThLPKGSAAEAE
MSVVPVFYVFHYLETGNHWNfHSDPLIEKQKlKlKlKlK
EGMLsIMSYRNADYSYSVwKGGsASTWLTAFALRVL
GQVNKYVEQNQNSICNSLLWLVENYQLDNGSFKENS
QYQPIKLGtLPVEARENSLYLTAFTVIGIRKAfDlCPLV
KIDTALIKADNFLENTLPAQSTFTLAISAYALSLGDKTH
PQFRSIVSALKREALVKGnPPiYRFwKDNlQHKDSSVP
NTGTARMVETTAYALLTSLNLKDINyVNPVIKwLSEEQ
RYGGGFYSTQDTINAIEGLTEYSLLvKQLRLSMDIDVS
YKHKGALHNYKMTDKNfLGRpVEVLLNDDLIVSTGFG
SGLATVHVTTVVHKTSTSEEVCsFYlKIDTQDIEASHY
RGYGNsDYKRIVAcASYKPSREESSGSSHAVMDISL

PTGISANEEDLKALVEGVDQLFTDYQIKDGHVILQLNSI
PSSDFLCVRFRIELFEVGFLSPATFTVYEHYHRPDKQC
TMFYSTSNIKIQKVCEGAACKCVEADCGQMQEELDLTI
SAETRKQTACKPEIAYAYKVSITSITVENVFVKYKATLL
DIYKTGEAVAEKDEITFIKKVTCTNAELVKGRQYLIMG
KEALQIKYNFSFRYIYPLDSLWIEWPRDttCSSCQA
FLANLDEFAEDIFLNGC

Host: Human

Theoretical MW (kDa): 112.5, 73.29

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

Form: Lyophilized

Preparation Method: Mammalian cell (Expi293, high-
yield transient HEK293) expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 95%
as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein
(determined by LAL method)

Activity: The EC₅₀ was 21.4 ng/mL, measured by ELISA
at 1 ug/mL.

Recommend Usage: Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: Lyophilized from sterile distilled Water
is > 100 ug/mL

Storage Instruction: Store at 2°C to 8°C for 1 week.
For long term storage, aliquot and store at -20°C to
-80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 718

Gene Symbol: C3

Gene Alias: ARMD9, ASP, CPAMD1

Datasheet

Gene Summary: Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways. People with C3 deficiency are susceptible to bacterial infection.
[provided by RefSeq]