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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

C2 (Human) Recombinant Protein (P02)

Catalog Number: H00000717-P02

Regulation Status: For research use only (RUO)

Product Description: Human C2 full-length ORF (NP_000054.2, 1 a.a. - 752 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGPLMVLFCLLFLYPGLADSAPSCPQNVNISGGTFTLS
HGWAPGSLTYSCPQGLYPSPASRLCKSSGQWQTPG
ATRSLKAVCKPVRCPAPVSFENGIYTPRLGSYPVGG
NVSEFECEDGFILRGSPVRQCRPNGMWDGETAVCDNG
AGHCPNPGISLGAVRTGFRFGHGDKVRYRCSSNLVLT
GSSERECQNGVWSGTEPICRQPYSYDFPEDVAPAL
GTSFSHMLGATNPTQKTKESSLGRKIQIRSGHLNLYLL
LDCSQSVSEDFLIFKESASLMVDRIFSFEINVSVAITF
ASEPKVLSVLNDNSRDMTEVISSLENANYKDHENGT
GTNTYAALNSVYLMMNQMRLLGMETMAWQEIRHAIL
LLTDGKSNMGGSPKTAVDHIREILNINQKRNDYLDIYAI
GVGKLDVDWRELNELGSKKDGGERHAFILQDTKALHQV
FEHMLDVSKLTDTCGVGNMSANASDQERTPWHVHTIK
PKSQETCRGALISDQWVLTAAHCFRDGNDHSLWRVN
VGDPKSQWGKEFLIEKAVISPGFDVFAKKNQGILEFYG
DDIALLKLAQVKMSTHARPICLPCTMEANLALRRPQG
STCRDHENELLNKQSVPAHFVALNGSKLNINLKMGE
WTSCAEVVSQEKTMFPNLTDVREVVTDQFLCSGTQE
DESPCKGESGGAVFLERRFRFFQVGLVSWGLYNPCL
GSADKNSRKRAPRSKVPPPRDFHINLFRMQPWLRQH
LGDVLNFLPL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 109.7

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: 717

Gene Symbol: C2

Gene Alias: CO2, DKFZp779M0311

Gene Summary: Component C2 is a serum glycoprotein that functions as part of the classical pathway of the complement system. Activated C1 cleaves C2 into C2a and C2b. The serine proteinase C2a then combines with complement factor 4b to create the C3 or C5 convertase. Deficiency of C2 has been reported to associated with certain autoimmune diseases and SNPs in this gene have been associated with altered susceptibility to age-related macular degeneration. This gene localizes within the class III region of the MHC on the short arm of chromosome 6. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described in publications but their full-length sequence has not been determined]