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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

C1QBP (Human) Recombinant Protein (P01)

Catalog Number: H00000708-P01

Regulation Status: For research use only (RUO)

Product Description: Human C1QBP full-length ORF (NP_001203.1, 1 a.a. - 282 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLPLLRCVPRVLGSSVAGLRAAAASPFRQLLQPAPR
LCTRPFGLLSVRAGSERRPGLLRPRGPCACGCGCGS
LHTDGDKAFVDFLSDEIKEERKIQKHKTLPKMSGGWEL
ELNGTEAKLVRKVAGEKITVTFNINNSIPPTFDGEEEPS
QGQKVEEQEPELTSTPNFVVEVIKNDGKALVLDCH
YPEDEVGQEDEAESDIFSIREVSFQSTGESEWKDTNY
TLNTDSLWALYDHLMDFLADRGVDNTFADELVELST
ALEHQEYITFLEDLKSFKVKSQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 57.8

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: 708

Gene Symbol: C1QBP

Gene Alias: GC1QBP, HABP1, SF2p32, gC1Q-R, gC1qR, p32

Gene Summary: The human complement subcomponent C1q associates with C1r and C1s in order to yield the first component of the serum complement system. The protein encoded by this gene is known to bind to the globular heads of C1q molecules and inhibit C1 activation. This protein has also been identified as the p32 subunit of pre-mRNA splicing factor SF2, as well as a hyaluronic acid-binding protein. [provided by RefSeq]

References:

1. Complement 1q binding protein inhibits the mitochondrial permeability transition pore and protects against oxidative stress-induced death. McGee AM, Baines CP. *Biochem J.* 2010 Oct 15. [Epub ahead of print]