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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

C1S (Human) Recombinant Protein (P01)

Catalog Number: H00000716-P01

Regulation Status: For research use only (RUO)

Product Description: Human C1S full-length ORF (NP_001725.1, 1 a.a. - 688 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MWCIVLFSLLAWVYAEPMTYGEILSPNYPQAYPSEVE
KSWDIEVPEGYGIHLYFTHLDIELSENCAYSVQIISGD
TEEGRLCGQRSSNNPHSPIVEEFQVPYNKLQVIFKSD
SNEERFTGFAAYYVATDINECTDFVDVPCSHFCNNFIG
GYFCSCPPEYFLHDDMKNCGVNCSGDVFTALIGEIAS
PNYPKYPENSRCYQIRLEKGFQVVVTLRREDFDVE
AADSAGNCLDSL FVAGDRQFGPYCGHGFPGPLNIET
KSNALDIIFQTDLTGQKKGWKLRYHGDPMPCKEDTP
NSWWEPAKAKYVFRD VVQITCLDGFVVEGRV GATSF
YSTCQSN GKWSNSKLKQPVDCGIPESIENGKVEDPE
STLFGSVIRYTC EEPYMMENGGGGEYHCANGSWV
NEVLGPELPKCV P VCGVPREPFE EKQRIIGSDADIKN
FPWQVFFDNPWAGGALINEY WVLTA AHVVEGNREPT
MYVGSTSVQTSRLAKSKMLTPEHVFIHPGWKLLEVPE
GRTNFDNDIALVRLKDPVKMGPTVSPICLPGTSSDYNL
MDGDLGLISGWGRTEKRDRAVRLKAARLPVAPLRKCK
EVKVEKPTADAEAYVFTPNMICAGGEKGMDSCKGDS
GGAFAVQDPNDKTKFYAAGL VSWG PQC GTYGLYTRV
KNYVDWIMKTMQENSTPRED

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 103.1

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: 716

Gene Symbol: C1S

Gene Alias: FLJ44757

Gene Summary: This gene encodes a serine protease, which is a major constituent of the human complement subcomponent C1. C1s associates with two other complement components C1r and C1q in order to yield the first component of the serum complement system. Defects in this gene are the cause of selective C1s deficiency. [provided by RefSeq]

References:

1. EDTA/gelatin zymography method to identify C1s versus activated MMP-9 in plasma and immune complexes of patients with systemic lupus erythematosus. Ugarte-Berzal E, Martens E, Boon L, Vandooren J, Blockmans D, Proost P, Opendakker G. J Cell Mol Med. 2019 Jan;23(1):576-585. doi: 10.1111/jcmm.13962. Epub 2018 Oct 24.