

Recombinant Human C1S protein, His & T7-tagged

Cat. No. C1S-1788H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C1S aa. (Ile438~Pro685 (Accession # P09871)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile438~Pro685
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

C1S complement C1s [Homo sapiens (human)]

Official Symbol

C1S

Synonyms

C1S; complement C1s; EDSPD2; complement C1s subcomponent; C1 esterase; basic proline-rich peptide IB-1; complement component 1 subcomponent s; complement component 1, s subcomponent

Gene ID

716

mRNA Refseq

[NM_001346850.1](#)

Protein Refseq

[NP_001333779.1](#)

UniProt ID

[P09871](#)

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