

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



C1S (K583) Peptide

Cat No.: BS3839P

Background

C1s proenzyme is a glycoprotein produced primarily by hepatocytes but also by other cells. The proenzyme is produced as a single chain polypeptide of 688 aa. Upon activation the peptide is cleaved between R437 and I438 giving the activated enzyme consisting of two disulfide-linked chains, A chain (52.2 kDa) and B chain (27.7 kDa). The Ca dependent catalytic subunit of the C1 complex (C1q, C1r, C1s) comprises of two C1s and two C1r molecules and this serine protease tetramer is responsible for the initial steps in the classical complement pathway, cleavage of C4 and C2.

Swiss-Prot

P09871

Applications

Blocking

Specificity

This peptide can be used with studies using BS3839 C1S (K583) pAb.

Purification & Purity

Synthetic peptide C1S (K583). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.