

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Troponin I3 (A16) Peptide

Cat No.: BS1452P

Background

Troponin I is part of a heteromeric complex playing an important role in the regulation of skeletal and cardiac muscle contraction. It consists of three subunits, troponin I (TnI), troponin T (TnT) and troponin C (TnC). Each subunit is responsible for part of troponin complex function. TnI inhibits ATPase activity of actomyosin and TnT and TnI are present in cardiac muscles in different forms than in skeletal muscles. Only one tissue specific isoform of TnI is described for cardiac muscle tissue (cTnI) and this is expressed only in myocardium.

Swiss-Prot

P19429

Applications

Blocking

Specificity

This peptide can be used with studies using BS1452 Troponin I3 (A16) pAb.

Purification & Purity

Synthetic peptide Troponin I3 (A16). (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.