

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



RTCD1 Peptide

Cat No.: BS5918P

Background

RTCD1 catalyzes the conversion of 3'-phosphate to a 2',3'-cyclic phosphodiester at the end of RNA. The mechanism of action of the enzyme occurs in 3 steps: (A) adenylation of the enzyme by ATP; (B) the enzyme acts on RNA-N3'P to produce RNA-N3'PP5'A; (C) a non catalytic nucleophilic attack by the adjacent 2'hydroxyl on the phosphorus in the diester linkage to produce the cyclic end product. The biological role of this enzyme is unknown but it is likely to function in some aspects of cellular RNA processing. There are two named isoforms.

Swiss-Prot

O00442

Applications

Blocking

Specificity

This peptide can be used with studies using BS5918 RTCD1 pAb.

Purification & Purity

Synthetic peptide RTCD1. (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.