

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CUG-BP1/2 (K95) Peptide

Cat No.: BS2339P

Background

CUG-BP1 and CUG-BP2 are proteins that bind specifically to (CUG)₈ oligonucleotides in vitro. While CUG-BP1 has the major binding activity in normal cells, nuclear CUG-BP2 binding activity increases in DM cells. Both CUG-BP1 and CUG-BP2 are isoforms of a novel heterogeneous nuclear ribonucleoprotein (hnRNP), hNab50. CUG-BP1, an RNA CUG triplet repeat binding protein, regulates splicing and translation of various RNAs. Expansion of RNA CUG repeats in the DMPK in DM is associated with alterations in binding activity of CUG-BP1 as well as alterations in the translation of the C/EBP β transcription factor. CUG-BP1 is an important regulator of initiation from different AUG codons of C/EBP β mRNA.

Swiss-Prot

Q92879/O95319

Applications

Blocking

Specificity

This peptide can be used with studies using BS2339 CUG-BP1/2 (K95) pAb.

Purification & Purity

Synthetic peptide CUG-BP1/2 (K95). (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.