

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



hnRNP M (P43) Peptide

Cat No.: BS2748P

Background

Proteins that directly bind to nascent RNA polymerase II transcripts, the heterogenous nuclear ribonucleoproteins (hnRNPs), play an important role in both transcript-specific packaging and alternative splicing of pre-mRNAs. A group of abundant hnRNPs, the M1-M4 proteins, appear as a cluster of four proteins. The M proteins are pre-mRNA binding proteins in vivo, and they bind avidly to poly (G) and poly (U) RNA homopolymers in vitro. M proteins are members of the ribonucleoprotein consensus sequence family of RNA-binding proteins with greatest similarity to a hypothetical RNA-binding protein from *Saccharomyces cerevisiae*. The M proteins also possess an unusual hexapeptide-repeat region rich in methionine and arginine residues (MR repeat motif) that resembles a repeat in the 64 kDa subunit of cleavage stimulation factor, which is involved in 3'-end maturation of pre-mRNAs. Proteins immunologically related to M exist in divergent eukaryotes ranging from human to yeast.

Swiss-Prot

P52272

Applications

Blocking

Specificity

This peptide can be used with studies using BS2748 hnRNP M (P43) pAb.

Purification & Purity

Synthetic peptide hnRNP M (P43). (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.

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