Bioworld Technology CO., Ltd.

Rrn3 (V643) Peptide

Cat No.: BS9122P

Background

In Saccharomyces cerevisiae, transcription of rRNA genes requires at least three transcription factors, which include the two multisubunit factors, Core factor and UAF that function in the assembly of the preinitiation complex. The third factor, Rrn3, functions as a single subunit and is not required for the preinitiation complex assembly. Unlike other Pol I transcription factors, Rrn3 is functionally conserved between yeast and mammals as an rRNA gene transcription regulator. Human Rrn3 is 21% homologous to the yeast Rrn3 protein and is a member of a conserved gene family spanning the fungi, plant and animal kingdoms. hRrn3, with a predicted molecular mass of 74 kDa, is highly expressed in the lung, retina, thymus, and prostate. Rrn3 may be identical to the transcription factor TIF-IA, since both TIF-IA and Rrn3 associate with pol I and their activities are growth rate dependent.

Swiss-Prot

Q9NYV6

Applications

Blocking

Specificity

This peptide can be used with studies using BS9122 Rrn3 (V643) pAb.

Purification & Purity

Synthetic peptide Rrn3 (V643). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

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

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