

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p-eIF4B (S422) Peptide

Cat No.: BS4311P

Background

Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F. It is phosphorylated at Ser-422 by RPS6KA1 and RPS6KB1. Phosphorylation enhances the affinity of EIF4B for the EIF3 complex.

Swiss-Prot

P23588

Applications

Blocking

Specificity

This peptide can be used with studies using BS4311 p-eIF4B (S422) pAb.

Purification & Purity

Synthetic peptide p-eIF4B (S422). (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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