

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



eIF3ε (V116) Peptide

Cat No.: BS3296P

Background

Translation initiation in eukaryotes necessitates the assembly of an 80S ribosomal complex containing methionyl initiator tRNA (Met-tRNAⁱMet), which is base paired at the initiation codon (AUG, GUG) in eligible transcripts. Eukaryotic initiation factors (eIFs) are utilized in a sequence of reactions that leads to 80S ribosomal assembly and initiation of translation. Eukaryotic initiation factor 3 (eIF3) is the largest family of eIFs and consists of at least 12 unique subunits in mammals. eIFε, also known as eIF p47, binds to the 40S ribosome and promotes the binding of methionyl-tRNAⁱ and mRNA and associates with the complex p170-eIF3.

Swiss-Prot

O00303

Applications

Blocking

Specificity

This peptide can be used with studies using BS3296 eIF3ε (V116) pAb.

Purification & Purity

Synthetic peptide eIF3ε (V116). (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.