

EIF4B Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP1950b

Specification

EIF4B Blocking Peptide (C-term) - Product Information

Primary Accession

[P23588](#)

Other Accession

[Q8BGD9](#), [Q8WYK5](#)**EIF4B Blocking Peptide (C-term) - Additional Information****Gene ID** 1975**Other Names**

Eukaryotic translation initiation factor 4B, eIF-4B, EIF4B

Target/Specificity

The synthetic peptide sequence is selected from aa 561-575 of HUMAN EIF4B

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EIF4B Blocking Peptide (C-term) - Protein Information**Name** EIF4B**Function**

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.

EIF4B Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

EIF4B Blocking Peptide (C-term) - Images**EIF4B Blocking Peptide (C-term) - Background**

EIF4B is required for the binding of mRNA to ribosomes. It functions in close association with EIF4-F and EIF4-A by binding near the 5'- terminal cap of mRNA in presence of EIF-4F and ATP. This gene also promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F

EIF4B Blocking Peptide (C-term) - References

Doecker, R.C., et al., J. Virol. 78(9):4684-4699 (2004).
Fleming, K., et al., Biochemistry 42(30):8966-8975 (2003).
Milburn, S.C., et al., EMBO J. 9(9):2783-2790 (1990).