

BAD Blocking Peptide (S118)
Synthetic peptide
Catalog # BP1314d**Specification**

BAD Blocking Peptide (S118) - Product InformationPrimary Accession [Q92934](#)**BAD Blocking Peptide (S118) - Additional Information****Gene ID** 572**Other Names**

Bcl2-associated agonist of cell death, BAD, Bcl-2-binding component 6, Bcl-2-like protein 8, Bcl2-L-8, Bcl-xL/Bcl-2-associated death promoter, Bcl2 antagonist of cell death, BAD, BBC6, BCL2L8

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.

BAD Blocking Peptide (S118) - Protein Information**Name** BAD**Synonyms** BBC6, BCL2L8**Function**

Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2 (By similarity). Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

Cellular Location

Mitochondrion outer membrane. Cytoplasm {ECO:0000250|UniProtKB:Q61337}. Note=Colocalizes with HIF3A in the cytoplasm (By similarity). Upon phosphorylation, locates to the cytoplasm. {ECO:0000250|UniProtKB:Q61337}

Tissue Location

Expressed in a wide variety of tissues.

BAD Blocking Peptide (S118) - Protocols

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

- [Blocking Peptides](#)

BAD Blocking Peptide (S118) - Images

BAD Blocking Peptide (S118) - Background

Bad is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, as well as protein phosphatase calcineurin were found to be involved in the regulation of this protein.

BAD Blocking Peptide (S118) - References

Lee, J.W., et al., Carcinogenesis 25(8):1371-1376 (2004). Zhang, B., et al., Mol. Cell. Biol. 24(14):6205-6214 (2004). Ong, C.S., et al., Oncol. Rep. 11(3):727-733 (2004). Yan, B., et al., J. Biol. Chem. 278(46):45358-45367 (2003). Taghiyev, A.F., et al., Mol. Cancer Res. 1(7):500-507 (2003).