10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Phospho-CCNB2(S392) Blocking Peptide

Synthetic peptide
Catalog # BP3839a

Specification

Phospho-CCNB2(S392) Blocking Peptide - Product Information

Primary Accession	O95067
Other Accession	NP_004692.1

Phospho-CCNB2(S392) Blocking Peptide - Additional Information

Gene ID 9133

Other Names
G2/mitotic-specific cyclin-B2, CCNB2

Target/Specificity
The synthetic peptide sequence is selected from aa 385-398 of HUMAN CCNB2

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.

Phospho-CCNB2(S392) Blocking Peptide - Protein Information

Name CCNB2

Function
Essential for the control of the cell cycle at the G2/M (mitosis) transition.

Phospho-CCNB2(S392) Blocking Peptide - Protocols

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

- Blocking Peptides

Phospho-CCNB2(S392) Blocking Peptide - Images

Phospho-CCNB2(S392) Blocking Peptide - Background

Cyclin B2 is a member of the cyclin family, specifically

the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control.

Phospho-CCNB2(S392) Blocking Peptide - References

Cunningham, J.M., et al. Br. J. Cancer 101(8):1461-1468(2009)
Haraguchi, T., et al. Fertil. Steril. 91 (4 SUPPL), 1424-1426 (2009) :
De Martino, I., et al. Cancer Res. 69(5):1844-1850(2009)
Bellanger, S., et al. Oncogene 26(51):7175-7184(2007)
Stav, D., et al. Int. J. Biol. Markers 22(2):108-113(2007)