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

Phospho-CCNB1(S35) Blocking Peptide

Synthetic peptide
Catalog # BP3882a

Specification

Phospho-CCNB1(S35) Blocking Peptide - Product Information

Primary Accession	P14635
Other Accession	NP_114172.1

Phospho-CCNB1(S35) Blocking Peptide - Additional Information

Gene ID 891

Other Names
G2/mitotic-specific cyclin-B1, CCNB1, CCNB

Target/Specificity
The synthetic peptide sequence is selected from aa 28-42 of HUMAN CCNB1

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-CCNB1(S35) Blocking Peptide - Protein Information

Name CCNB1

Synonyms CCNB

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

Cellular Location
Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

Phospho-CCNB1(S35) Blocking Peptide - Protocols

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

- Blocking Peptides

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

Phospho-CCNB1(S35) Blocking Peptide - Images

Phospho-CCNB1(S35) Blocking Peptide - Background

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq].

Phospho-CCNB1(S35) Blocking Peptide - References

Kreis, N.N., et al. Oncogene 29(41):5591-5603(2010)
van Zon, W., et al. J. Cell Biol. 190(4):587-602(2010)
Harley, M.E., et al. EMBO J. 29(14):2407-2420(2010)
Olson, J.E., et al. Breast Cancer Res. Treat. (2010) In press :
Nantajit, D., et al. PLoS ONE 5 (8), E12341 (2010) :