

TUBA1C Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20591a**Specification**

TUBA1C Blocking Peptide (N-term) - Product Information

Primary Accession [Q9BOE3](#)
Other Accession [P08537](#), [Q68FR8](#), [P05214](#), [P06605](#), [Q32KN8](#),
[Q6PEY2](#), [Q13748](#), [P06603](#), [P02552](#), [Q2HJ86](#),
[Q6AYZ1](#), [P68373](#), [P68365](#), [Q3ZCJ7](#), [Q6P9V9](#),
[Q2XVP4](#), [P05213](#), [Q4R538](#), [P68363](#), [P68361](#),
[P81947](#), [P68370](#), [P02550](#), [P68369](#), [Q71U36](#),
[P68362](#)

TUBA1C Blocking Peptide (N-term) - Additional Information

Gene ID 84790

Other Names

Tubulin alpha-1C chain, Alpha-tubulin 6, Tubulin alpha-6 chain, TUBA1C, TUBA6

Target/Specificity

The synthetic peptide sequence is selected from aa 46-60 of HUMAN TUBA1C

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.

TUBA1C Blocking Peptide (N-term) - Protein Information

Name TUBA1C

Synonyms TUBA6

Function

Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin.

Cellular Location

Cytoplasm, cytoskeleton.

TUBA1C Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

TUBA1C Blocking Peptide (N-term) - Images

TUBA1C Blocking Peptide (N-term) - Background

Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.

TUBA1C Blocking Peptide (N-term) - References

Lubec G.,et al.Submitted (MAR-2007) to UniProtKB.
Olsen J.V.,et al.Cell 127:635-648(2006).
Daub H.,et al.Mol. Cell 31:438-448(2008).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).