

TUBG1 Blocking Peptide(N-term)
Synthetic peptide
Catalog # BP19702a**Specification**

TUBG1 Blocking Peptide(N-term) - Product Information

Primary Accession

[P23258](#)

Other Accession

[Q8VCK3](#), [Q9NRH3](#), [Q32KM1](#), [P23330](#), [P83888](#),
[P83887](#), [Q0VCD2](#), [NP_001061.2](#)**TUBG1 Blocking Peptide(N-term) - Additional Information****Gene ID** 7283**Other Names**

Tubulin gamma-1 chain, Gamma-1-tubulin, Gamma-tubulin complex component 1, GCP-1, TUBG1, TUBG

Target/Specificity

The synthetic peptide sequence is selected from aa 38-51 of HUMAN TUBG1

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.

TUBG1 Blocking Peptide(N-term) - Protein Information**Name** TUBG1 ([HGNC:12417](#))**Synonyms** TUBG**Function**

Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation.

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Note=Localizes to mitotic spindle microtubules.

TUBG1 Blocking Peptide(N-term) - Protocols

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

- [Blocking Peptides](#)

TUBG1 Blocking Peptide(N-term) - Images

TUBG1 Blocking Peptide(N-term) - Background

This gene encodes a member of the tubulin superfamily. The encoded protein localizes to the centrosome where it binds to microtubules as part of a complex referred to as the gamma-tubulin ring complex. The protein mediates microtubule nucleation and is required for microtubule formation and progression of the cell cycle. A pseudogene of this gene is found on chromosome 7.

TUBG1 Blocking Peptide(N-term) - References

Olson, J.E., et al. Breast Cancer Res. Treat. (2010) In press :
Couch, F.J., et al. Cancer Epidemiol. Biomarkers Prev. 19(1):251-257(2010)
Alvarado-Kristensson, M., et al. Nat. Cell Biol. 11(9):1081-1092(2009)
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Haren, L., et al. PLoS ONE 4 (6), E5976 (2009) :