

CTBS Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP22021a**Specification**

CTBS Blocking Peptide (N-Term) - Product Information

Primary Accession [Q01459](#)

CTBS Blocking Peptide (N-Term) - Additional Information

Gene ID 1486

Other Names

Di-N-acetylchitobiase, 3.2.1.-, CTBS, CTB

Target/Specificity

The synthetic peptide sequence is selected from aa 105-119 of HUMAN CTBS

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.

CTBS Blocking Peptide (N-Term) - Protein Information

Name CTBS

Synonyms CTB

Function

Involved in the degradation of asparagine-linked glycoproteins. Hydrolyze of N-acetyl-beta-D-glucosamine (1-4)N- acetylglucosamine chitobiose core from the reducing end of the bond, it requires prior cleavage by glycosylasparaginase.

Cellular Location

Lysosome.

CTBS Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

CTBS Blocking Peptide (N-Term) - Images

CTBS Blocking Peptide (N-Term) - Background

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CTBS Blocking Peptide (N-Term) - References

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Liu B.,et al.Glycobiology 9:589-593(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Chen R.,et al.J. Proteome Res. 8:651-661(2009).