

NSF Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20197B**Specification**

NSF Blocking Peptide (C-term) - Product Information

Primary Accession [P46459](#)
Other Accession [O9OUL6](#), [P46460](#), [P18708](#), [NP_006169.2](#)

NSF Blocking Peptide (C-term) - Additional Information

Gene ID 4905

Other Names

Vesicle-fusing ATPase, N-ethylmaleimide-sensitive fusion protein, NEM-sensitive fusion protein, Vesicular-fusion protein NSF, NSF

Target/Specificity

The synthetic peptide sequence is selected from aa 683-696 of HUMAN NSF

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.

NSF Blocking Peptide (C-term) - Protein Information

Name NSF

Function

Required for vesicle-mediated transport. Catalyzes the fusion of transport vesicles within the Golgi cisternae. Is also required for transport from the endoplasmic reticulum to the Golgi stack. Seems to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack independent of vesicle origin. Interaction with AMPAR subunit GRIA2 leads to influence GRIA2 membrane cycling (By similarity).

Cellular Location

Cytoplasm.

NSF Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

NSF Blocking Peptide (C-term) - Images

NSF Blocking Peptide (C-term) - Background

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NSF Blocking Peptide (C-term) - References

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Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :
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