

NSF Blocking Peptide

Catalog # PBV10225b

Specification

NSF Blocking Peptide - Product Information

Primary Accession
Gene ID
Calculated MW
P46460
18195
R2613

NSF Blocking Peptide - Additional Information

Gene ID 18195

Application & Usage The peptide is used for blocking the

antibody activity of active NSF. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for

30 minutes at 37°C

Other Names

Vesicle-fusing ATPase, 3.6.4.6, N-ethylmaleimide-sensitive fusion protein, NEM-sensitive fusion protein, Suppressor of K(+) transport growth defect 2, Protein SKD2, Vesicular-fusion protein NSF, Nsf, Skd2

Target/Specificity

NSF

Formulation

 $50 \mu g$ (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

NSF Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

NSF Blocking Peptide - Protein Information

Name Nsf

Synonyms Skd2

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 GRIA2 leads to influence GRIA2 membrane cycling (By similarity).

Cellular Location Cytoplasm.

NSF Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

NSF Blocking Peptide - Images