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# NSF Blocking Peptide
**Catalog # PBV10225b**

## Specification

### NSF Blocking Peptide - Product Information

| | |
|---|---|
| Primary Accession | P46460 |
| Gene ID | 18195 |
| Calculated MW | 82613 |

### 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 µg (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
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## NSF Blocking Peptide - Images