

Profilin-1 Blocking Peptide
Catalog # PBV10126b**Specification**

Profilin-1 Blocking Peptide - Product Information

Primary Accession	P62963
Gene ID	64303
Calculated MW	14957

Profilin-1 Blocking Peptide - Additional Information**Gene ID** 64303**Application & Usage**

The peptide is used for blocking the antibody activity of Profilin-1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Profilin-1, Profilin I, Pfn1

Target/Specificity

Profilin-1

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Profilin-1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Profilin-1 Blocking Peptide - Protein Information**Name** Pfn1**Function**

Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG. Inhibits androgen receptor (AR) and HTT aggregation and binding of G-actin is essential for its inhibition of AR (By similarity).

Cellular Location

Cytoplasm, cytoskeleton.

Profilin-1 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 Cytometry](#)
- [Cell Culture](#)

Profilin-1 Blocking Peptide - Images