10320 Camino Santa Fe, Suite G
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Profilin-1 Blocking Peptide
Synthetic peptide
Catalog # BP22110a

Specification

Profilin-1 Blocking Peptide - Product Information

Primary Accession	P07737
Other Accession	P02584, P62962, P62963

Profilin-1 Blocking Peptide - Additional Information

Gene ID 5216

Other Names
Profilin-1, Epididymis tissue protein Li 184a, Profilin I, PFN1

Target/Specificity
The synthetic peptide sequence is selected from aa 128-140 of HUMAN PFN1

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.

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.

Cellular Location
Cytoplasm, cytoskeleton.

Tissue Location
Expressed in epididymis (at protein level).

Profilin-1 Blocking Peptide - Protocols

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

- Blocking Peptides

Profilin-1 Blocking Peptide - Images

Profilin-1 Blocking Peptide - Background

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Profilin-1 Blocking Peptide - References

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