

Product datasheet

Ac-TVASSSTA Octapeptide peptide ab95132

[3 Images](#)

Description

Product name	Ac-TVASSSTA Octapeptide peptide
Purity	> 85 % HPLC.
Animal free	No
Nature	Synthetic

Specifications

Our **Abpromise guarantee** covers the use of **ab95132** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

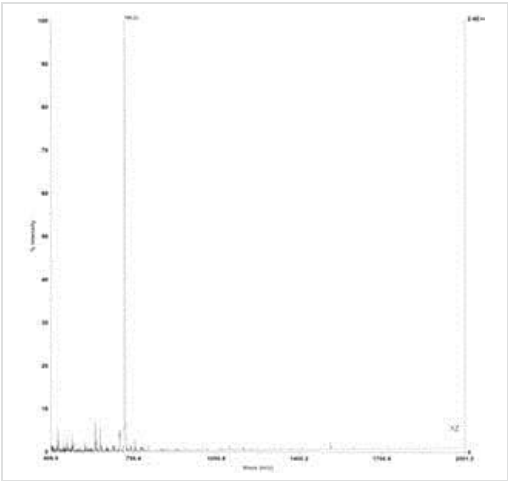
Applications	Mass Spectrometry
	Functional Studies
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 7.40
	Constituents: 2.38% HEPES, 0.58% Sodium chloride
Reconstitution	Hydrate in 0.5ml of H ₂ O.

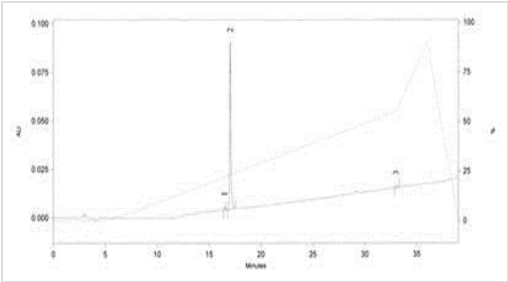
General Info

Relevance	Ac-TVASSSTA is an Octapeptide mimic of the N-terminal residues of the reactive center loop of PAI-1 (cf. P14-P7 residues). The Octapeptide inactivates PAI-1 by substituting for strand 4 in beta-sheet A in a manner that competes with formation of the latent species. Insertion of the peptide into beta-sheet A effectively forms a stable complex that converts PAI-1 into a substrate for tissue-type plasminogen activator (tPA) and other target proteinases. The resulting species of PAI-1 is thermodynamically stable and is useful for investigating the role of reactive center loop insertion.
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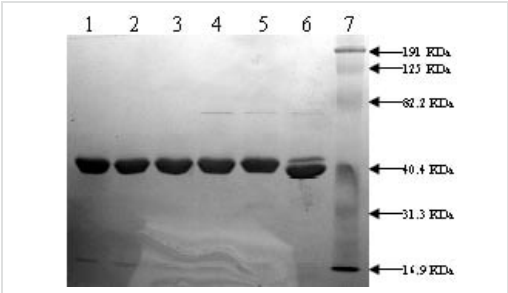
Mass Spectrometry - Ac-TVASSSTA Octapeptide peptide (ab95132)

Mass spectrometry analysis of ab95132



HPLC - Ac-TVASSSTA Octapeptide peptide (ab95132)

HPLC analysis of ab95132



Functional Studies - Ac-TVASSSTA Octapeptide peptide (ab95132)

- 10% SDS-PAGE Reduced
- Lane 1: PAI-1 (5 ug) Frozen
- Lane 2: PAI-1 (5 ug) Incubated
- Lane 3: PAI-1 (5 ug) + ab95132 (3 ug) Incubated
- Lane 4: PAI-1 (5 ug) Frozen + tPA (0.07 ug)
- Lane 5: PAI-1 (5 ug) Incubated + tPA (0.07 ug)
- Lane 6: PAI-1 (5 ug) + ab95132 (3 ug) Incubated + tPA (0.07 ug)
- Lane 7: Molecular weight markers

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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