

PE-01ACA95-P

Alpha S1 Casein (105-111); ACE inhibitor, cow Peptide Powder

7-mer peptide based on CSN1S1



KINEXUS

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Target Protein

Name Long:	Alpha-S1-casein
Name Alias:	CASA1; casein alpha s1; CSN1S1
Species Origin:	Human
UniProt ID:	P02662

Peptide Structure

Peptide Name:	Alpha S1 Casein (105-111); ACE inhibitor, cow
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	R105-E111
Peptide Sequence:	RYLGYLE
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	913.2
% Peptide Purity:	>95
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	#64921 / C87477-0005 / SP01ADN
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	This peptide is an inhibitor for Angiotensin I Converting Enzyme. This peptide is also known as an exorphin and exhibits opioid-like effects when consumed, partly due its Cu ²⁺ ligating properties.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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