

PE-01ACZ95-P

HSP27 (81-86) KinSub Peptide Powder

10-mer kinase substrate peptide for assaying HSP27



KINEXUS

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Target Protein

Name Long:	Heat shock protein 27
Name Alias:	HSP27tide
Species Origin:	Mouse
UniProt ID:	P14602

Peptide Structure

Peptide Name:	HSP27 (81-86) KinSub
Peptide Origin:	Based on HSP27 phosphosite
Peptide Sequence Location:	L81-S86
Peptide Sequence:	RRLNRQLSVA
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1211.4
% 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:	H31-58
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activities of MAPKAPK2 (UniProt ID Q49137) and MAPKAPK3 (UniProt ID Q16644).
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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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