

PE-01ABK95-P

HSP90a (255-268) KinSub Peptide Powder

14-mer kinase substrate peptide for assaying HSP90AA1



Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Heat shock protein HSP 90-alpha
Name Alias:	FLJ31884; Heat shock 90kDa protein 1, alpha; Heat shock protein 90kDa alpha (cytosolic) class A member 1; HS90A; HSP 86; Hsp89; Hsp90; HSP90-alpha; HSP90N; HSPC1; HSPCA
Species Origin:	Human
UniProt ID:	P07900

Peptide Structure

Peptide Name:	HSP90a (255-268) KinSub
Peptide Origin:	human
Peptide Sequence Location:	E255-E268
Peptide Sequence:	KPEIEDVGSDEEEE
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1603.6
% 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:	USP01BQH
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Casein protein-serine kinase 2 alpha/ alpha prime (UniProt ID P68400). Peptide is phosphorylated at S263 by casein kinase 2 (CK2) in vitro.
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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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