

PE-01ADF95-P

Myosin II HC (2020-2035) KinSub Peptide Powder

16-mer kinase substrate peptide for assaying Myosin 2 HC



KINEXUS

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Target Protein

Name Long:	Dictyostelium myosin II heavy chain-derived peptide
Name Alias:	MhcA
Species Origin:	Dictyostelium
UniProt ID:	P08799

Peptide Structure

Peptide Name:	Myosin II HC (2020-2035) KinSub
Peptide Origin:	Based on Dictyostelium myosin II heavy chain phosphosite
Peptide Sequence Location:	R2020-L2035
Peptide Sequence:	RKKFGESEKTKTKEFL
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Acid
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1956.3
% 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:	E01-58
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Myosin heavy chain kinase A (MHCK A).
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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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