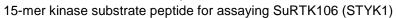
PE-01AGN95-P KinSub1DDIYV Peptide Powder





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Target Protein

Name Long:	Tyrosine-protein kinase STYK1
Name Alias:	DKFZP761P1010; NOK; NPAK; SuRTK106
UniProt ID:	Q6J9G0

Peptide Structure

Peptide Name:	KinSub1DDIYV
Peptide Origin:	KinSub1DDIYV was originally identified using a microarray with peptides that were predicted as optimal substrates for 500 human protein kinases with a proprietary algorithm developed at Kinexus with our academic partners.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	GGGEDDIYVGVGGGG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1307.3
% 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
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 Tyrosine-protein kinase STYK1
	(SuRTK,106, UniProt ID Q6J9G0). The KinSub1DDIYV peptide demonstrated
	very high phosphotransferase activity with Brk, and exhibited medium specificity
	when assayed with over 200 other protein kinases. A listing of other kinases that
	show appreciable phosphotransferase activity towards this peptide are listed in
	Table 1.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit <u>www.kinexusproducts.ca</u> or contact us at 1-866-KINASES (546-2737)