

# PE-01ACK95-P

## Abl-like (431-433) KinSub Peptide Powder

12-mer kinase substrate peptide for assaying Abl-like



# KINEXUS

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

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Abelson murine leukemia viral oncogene homologue 1
<b>Name Alias:</b>	Abelson murine leukemia viral oncogene 1; ABL; C-ABL; JTK7; P150; v-abl Abelson murine leukemia viral oncogene 1; ENSG00000097007; Q13688; Q13914; Q59FK4
<b>UniProt ID:</b>	P00519

### Peptide Structure

<b>Peptide Name:</b>	Abl-like (431-433) KinSub
<b>Peptide Origin:</b>	Weakly modeled after a portion of the catalytic domain of Abl protein-tyrosine kinase
<b>Peptide Sequence Location:</b>	E431-I433
<b>Peptide Sequence:</b>	EAIYAAPFAKKK
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Acid
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1336.6
<b>% Peptide Purity:</b>	> 95
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	A02-58
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	For assaying the phosphotransferase activities of Abelson murine leukemia viral oncogene homologue 1 (Ab1, UniProt ID P00519) and Tyrosine-protein kinase Abl2 (Arg, UniProt ID P42684).
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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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