

PE-01BGL99-P

BrskSubtide Peptide Powder

14-mer kinase substrate peptide for assaying BRSK2



KINEXUS

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Target Protein

Name Long:	BR serine/threonine-protein kinase 2
Name Alias:	BR serine/threonine kinase 2; C11orf7; PEN11B; SAD1B; Serine,threonine-protein kinase 29; Serine/threonine kinase 29; Serine/threonine- protein kinase 29; STK29
UniProt ID:	Q8IWQ3

Peptide Structure

Peptide Name:	BrskSubtide
Peptide Origin:	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	KRERRKSFRLGCG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1851.4
Observed Peptide Mass:	1551.6
% Peptide Purity:	100
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:	KMP01CAQ-09
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 BR serine/threonine-protein kinase 2 (UniProt ID Q8IWQ3).
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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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