

PE-01AZV85-P

BCKDK (226-240) Peptide Powder

16-mer immunogen peptide based on BCKD (BCKDK)



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Target Protein

Name Long:	[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial
Name Alias:	BCKD; BCKDHKIN; BCKD-kinase; Branched-chain alpha-ketoacid dehydrogenase kinase; EC 2.7.1.115; EC 2.7.11.4
Species Origin:	Human
UniProt ID:	O14874

Peptide Structure

Peptide Name:	BCKDK (226-240)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	S226-R240
Peptide Sequence:	CSPKKIIEKWVDFARR
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1975.3
Observed Peptide Mass:	1874.6
% Peptide Purity:	88
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:	KMP01CAK-234
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the BCKD-3 rabbit polyclonal antibody (Cat. No.: NK257-3) that is also available from Kinexus.
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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 www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)