

# PE-01AZT85-P

## BCKDK (56-70) Peptide Powder

16-mer immunogen peptide based on BCKD (BCKDK)



# KINEXUS

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### Target Protein

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

### Peptide Structure

<b>Peptide Name:</b>	BCKDK (56-70)
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	Q56-L70
<b>Peptide Sequence:</b>	CQSAIDAAAEKPSVRL
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1657.9
<b>Observed Peptide Mass:</b>	1660.3
<b>% Peptide Purity:</b>	87
<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>	KMP01CAK-232
<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>	Serves as a blocking peptide for use with the BCKD-1 rabbit polyclonal antibody (Cat. No.: NK257-1) 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.

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