

# PE-01BBN90-P

## PTEN-2 (338-352) Peptide Powder

16-mer immunogen peptide based on PTEN



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase and protein phosphatase and tensin homolog deleted on chromosome 10
<b>Name Alias:</b>	BZS; MHAM; MMAC1; Mutated in multiple advanced cancers 1; Phosphatase and tensin; Phosphatase and tensin homolog gene; Protein-tyrosine phosphatase PTEN; PTEN1; TEP1
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P60484

### Peptide Structure

<b>Peptide Name:</b>	PTEN-2 (338-352)
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	S338-E352
<b>Peptide Sequence:</b>	CSPNFKVKLYFTKTVE
<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>	1903.2
<b>Observed Peptide Mass:</b>	1904.3
<b>% Peptide Purity:</b>	92
<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-278
<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 PTEN-2 rabbit polyclonal antibody (Cat. No.: NP023-4) 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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