

PE-01BBM99-P

PTEN-1 (185-199) Peptide Powder

16-mer immunogen peptide based on PTEN



KINEXUS

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Target Protein

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

Peptide Structure

Peptide Name:	PTEN-1 (185-199)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	H185-M199
Peptide Sequence:	CHLDYRVPVALLFHKMM
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1973.4
Observed Peptide Mass:	1971.3
% Peptide Purity:	98
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-277
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 PTEN-1 rabbit polyclonal antibody (Cat. No.: NP023-3) 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)