

PE-01ARG99-P

ATM (2719-2733) Peptide Powder

16-mer immunogen peptide based on ATM



KINEXUS

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Target Protein

Name Long:	Ataxia telangiectasia mutated protein-serine kinase
Name Alias:	A-T, mutated; ATA; Ataxia telangiectasia mutated; Ataxia telangiectasia mutated homolog; ATC; ATD; ATDC; Kinase ATM; TEL1; TELO1; telomere maintenance 1; MGC74674; DKFZp781A0353; MGC74674; ENSG00000149311; Telomere maintenance 1
Species Origin:	Human
UniProt ID:	Q13315

Peptide Structure

Peptide Name:	ATM (2719-2733)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	G2719-R2733
Peptide Sequence:	CGKERRQLVKGRDDLRL
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1928.2
Observed Peptide Mass:	1930.9
% 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:	KMP01CAK-06
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 ATM rabbit polyclonal antibody (Cat. No.: NK230) 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)