

# PE-01BFH90L-P

## ALK (1272-1278) Peptide Powder

9-mer immunogen peptide based on ALK



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Anaplastic lymphoma receptor-tyrosine kinase
<b>Name Alias:</b>	Anaplastic lymphoma kinase; Anaplastic lymphoma kinase (Ki-1); Anaplastic lymphoma receptor tyrosine kinase; CD246; Kinase ALK; TFG/ALK; ENSG00000171094
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q9UM73

### Peptide Structure

<b>Peptide Name:</b>	ALK (1272-1278)
<b>Peptide Origin:</b>	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
<b>Peptide Sequence Location:</b>	G1272-Y1278
<b>Peptide Sequence:</b>	GMARDIY(bA)C
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	998.5
<b>Observed Peptide Mass:</b>	999.15
<b>% Peptide Purity:</b>	89.7
<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>	KMP01CAL-08
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

This product is for in vitro research use only and is not intended for use in humans or animals.

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