

PE-01BFI90H-P

ALK (1272-1278) Peptide Powder

9-mer immunogen peptide based on ALK



KINEXUS

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Target Protein

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

Peptide Structure

Peptide Name:	ALK (1272-1278)
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII. The R1275Q mutation is common in human cancers.
Peptide Sequence Location:	G1272-Y1278
Peptide Sequence:	GMAQDIY(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	970.2
Observed Peptide Mass:	970.1
% Peptide Purity:	91
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:	KMP01CAH-8
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	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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