

PE-01BGB90-P

RET (915-921) Peptide Powder

9-mer immunogen peptide based on Ret



KINEXUS

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Target Protein

Name Long:	Proto-oncogene tyrosine-protein kinase receptor Ret
Name Alias:	CDHF12; C-ret; GDNF receptor; Glial cell line-derived neurotrophic factor receptor; HSCR1; MEN2A; MEN2B; MTC1; PTC; RET51; RET-ELE1; CCDS7200.1; ENSG00000165731; B4DGX8; O43519; Q8IZR8; Q8NFE8; Q99886; Q9UM90; Q9UMQ4; F5CNE9; Q14277; Q15300; Q9UE13
Species Origin:	Human
UniProt ID:	P07949

Peptide Structure

Peptide Name:	RET (915-921)
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII. The M918T mutation is common in many human cancers.
Peptide Sequence Location:	V915-E921
Peptide Sequence:	VKWTAIE(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1019.8
Observed Peptide Mass:	1019.2
% Peptide Purity:	90.1
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-5
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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