

PE-04AXD75-P

RET (897-908) pY900+pY905 Peptide Powder

12-mer immunogen and phosphatase substrate phosphopeptide 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 neurotropic 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 (897-908) pY900+pY905
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	R897-R908
Peptide Sequence:	RDV(pY)EEDS(pY)VKR
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1933.8
Observed Peptide Mass:	1932.9
% Peptide Purity:	73
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:	KLP04CAF-12
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	This phosphopeptide may be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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