

# PE-01AVI90-P

## ROS1 (2205-2219) Peptide Powder

16-mer immunogen peptide based on Ros



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Orosomucoid 1 receptor-tyrosine kinase; Proto-oncogene tyrosine-protein kinase ROS1
<b>Name Alias:</b>	c-Ros oncogene 1 , receptor tyrosine kinase; c-Ros-1; KROS; MCF3; Proto-oncogene tyrosine-protein kinase ROS; ROS1; V-ros UR2 sarcoma virus oncogene homolog 1 (avian); V-ros UR2 sarcoma virus oncogene homologue 1 (avian); MGC163394; ENSG00000169071
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P08922

### Peptide Structure

<b>Peptide Name:</b>	ROS1 (2205-2219)
<b>Peptide Origin:</b>	Kinase last alpha-chain
<b>Peptide Sequence Location:</b>	R2205-R2219
<b>Peptide Sequence:</b>	CRPTFHRIQDQLQLFR
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	2057.4
<b>Observed Peptide Mass:</b>	2055.8
<b>% Peptide Purity:</b>	91
<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>	KMP01CAK-117
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	Serves as a blocking peptide for use with the Ros-3 rabbit polyclonal antibody (Cat. No.: NK163-4) 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.

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