

# PE-01ALZ90-P

## PF4 (89-101) Peptide Powder

13-mer peptide based on PF4



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Platelet Factor 4
<b>Name Alias:</b>	C-X-C motif chemokine 4;Iroplact;Oncostatin-A
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P02776

### Peptide Structure

<b>Peptide Name:</b>	PF4 (89-101)
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	P89-S101
<b>Peptide Sequence:</b>	PLYKKIIKLLES
<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>	1572.3
<b>% Peptide Purity:</b>	> 90
<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>	USP01BJM
<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>	Can be used to make technetium-99m (Tc-99m) labeled peptides that specifically bind to sites of infection, inflammation, thrombosis, atherosclerosis and neoplastic growth in vivo, methods and kits for making such peptides, and methods for using such peptides to image sites in a mammalian body.
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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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