

# PE-01ATZ90-P

## ErbB4 (168-182) Peptide Powder

16-mer immunogen peptide based on ErbB4 (HER4)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	ErbB4 receptor-tyrosine kinase
<b>Name Alias:</b>	HER4; Kinase ErbB4; P180erbB4; P180-erbB4; V-erb-a erythroblastic leukemia viral oncogene 4; MGC138404; CCDS2394.1; ENSG00000178568
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q15303

### Peptide Structure

<b>Peptide Name:</b>	ErbB4 (168-182)
<b>Peptide Origin:</b>	In the extracellular domain of the ErbB4 receptor.
<b>Peptide Sequence Location:</b>	R168-G182
<b>Peptide Sequence:</b>	RNPWPSNLTLVSTNGC
<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>	1757.9
<b>Observed Peptide Mass:</b>	1758.1
<b>% Peptide Purity:</b>	93
<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-80
<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 ErbB4-2 rabbit polyclonal antibody (Cat. No.: NK235-2) 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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