

# PE-01ATU90-P

## EGFR (1196-1210) Peptide Powder

16-mer immunogen peptide based on EGFR (ErbB1)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Epidermal growth factor receptor-tyrosine kinase
<b>Name Alias:</b>	EGFR; Epidermal growth factor receptor; ErbB-1; ErbB, mENA; HER1; Receptor tyrosine-protein kinase ErbB-1; V-erb-b oncogene homologue; PIG61; CCDS5514.1; ENSG00000146648
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P00533

### Peptide Structure

<b>Peptide Name:</b>	EGFR (1196-1210)
<b>Peptide Origin:</b>	C-terminus
<b>Peptide Sequence Location:</b>	E1196-A1210
<b>Peptide Sequence:</b>	CEYLRVAPQSSEFIGA
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Acid
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1769.0
<b>Observed Peptide Mass:</b>	1768.7
<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-75
<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 EGFR-3 rabbit polyclonal antibody (Cat. No.: NK052-4) 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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