

# PE-01ART80-P

## ErbB3 (693-707) Peptide Powder

16-mer immunogen peptide based on ErbB3 (HER3)



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### Target Protein

<b>Name Long:</b>	ErbB3 (HER3) receptor-tyrosine kinase
<b>Name Alias:</b>	C-erbB3; ERB3; HER3; Kinase ErbB3; LCCS2; Receptor protein-tyrosine kinase erbB-3 precursor; Tyrosine kinase-type cell surface receptor HER3; V-erb-b2 erythroblastic leukemia viral oncogene 3; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; MGC88033; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3; ENSG00000065361; O75810; O75811; O75812; O75813; Q9BUD7; Q9NNX2; Q9NNX3
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P21860

### Peptide Structure

<b>Peptide Name:</b>	ErbB3 (693-707)
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	S693-T707
<b>Peptide Sequence:</b>	CSEKANKVLARIFKET
<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>	1836.1
<b>Observed Peptide Mass:</b>	1835.8
<b>% Peptide Purity:</b>	82
<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-19
<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 ErbB3-2 rabbit polyclonal antibody (Cat. No.: NK231-3) 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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