

# PE-03AAB95-P

## EGFR (327-336), biotinyl. Peptide Powder

10-mer peptide based on EGFR (ErbB1)



# KINEXUS

Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### 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 (327-336), biotinyl.
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	K327-V336
<b>Peptide Sequence:</b>	KKCEGPCRKV
<b>Peptide N-Terminus:</b>	btn-βA
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	C-C cyclized

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1441.75
<b>% Peptide Purity:</b>	> 95
<b>Peptide Appearance:</b>	White clumps, some 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>	USP05BAX
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

This product is for in vitro research use only and is not intended for use in humans or animals.

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