

# PE-03AAY80-P

## EGFR(489-498) biotinyl. Peptide Powder

10-mer peptide based on EGFR (ErbB1)



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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(489-498) biotinyl.
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	K489-S498
<b>Peptide Sequence:</b>	KIISNRGENS
<b>Peptide N-Terminus:</b>	btn-βA
<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>	1414.55
<b>% Peptide Purity:</b>	> 80
<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>	ULP02BAA-22
<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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