

# PE-01BIA90-P

## MAPKAPK3Subtide Peptide Powder

15-mer kinase substrate peptide for assaying MAPKAPK3



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### Target Protein

<b>Name Long:</b>	MAP kinase-activated protein kinase 3
<b>Name Alias:</b>	3PK; 54r; MAPK3; MAPKAP3; Mitogen activated protein kinase activated protein kinase-3; CCDS2832.1; ENSG00000114738
<b>UniProt ID:</b>	Q16644

### Peptide Structure

<b>Peptide Name:</b>	MAPKAPK3Subtide
<b>Peptide Origin:</b>	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
<b>Peptide Sequence Location:</b>	Not applicable
<b>Peptide Sequence:</b>	RFLRRGSFANFLAC
<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>	1842.2
<b>Observed Peptide Mass:</b>	1840.7
<b>% Peptide Purity:</b>	92.7
<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>	KMP01CAR-28
<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>	For assaying the phosphotransferase activity of MAP kinase-activated protein kinase 3 (UniProt ID Q16644).
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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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