

PE-01AVS80-P

MEK1 (326-341) Peptide Powder

16-mer immunogen peptide based on MEK1 (MKK1, MAP2K1)



KINEXUS

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Target Protein

Name Long:	MAPK/ERK protein-serine kinase 1 (MKK1); Dual specificity mitogen-activated protein kinase kinase 1
Name Alias:	ERK activator kinase 1; Kinase MEK1; MAP kinase kinase 1; MAP2K1; MAPK,ERK kinase 1; MAPK/ERK kinase 1; MAPKK 1; MAPKK1; MKK1; PRKMK1; CCDS10216.1; Q02750; ENSG00000169032
Species Origin:	Human
UniProt ID:	Q02750

Peptide Structure

Peptide Name:	MEK1 (326-341)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	P326-C341
Peptide Sequence:	PSGVFSLEFQDFVNKC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1816.0
Observed Peptide Mass:	1813.2
% Peptide Purity:	82
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KMP01CAK-127
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the MEK1-1 rabbit polyclonal antibody (Cat. No.: NK099-8) 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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