

PE-01AVZ99-P

MEK5 (411-425) Peptide Powder

16-mer immunogen peptide based on MEK5 (MAP2K5, MKK5)



KINEXUS

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Target Protein

Name Long:	MAPK/ERK protein-serine kinase 5 (MKK5); Dual specificity mitogen-activated protein kinase kinase 5
Name Alias:	CXA1; HsT17454; MAP kinase kinase 5; MAP2K5; MAPK,ERK kinase 5; MAPK/ERK kinase 5; MAPKK5; MKK5; PRKMK5; HsT17454; ENSG00000137764
Species Origin:	Human
UniProt ID:	Q13163

Peptide Structure

Peptide Name:	MEK5 (411-425)
Peptide Origin:	Kinase last alpha-chain
Peptide Sequence Location:	E411-G425
Peptide Sequence:	CEELMGHPFIVQFNDG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1836.0
Observed Peptide Mass:	1835.5
% Peptide Purity:	99
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-134
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 MEK5-2 rabbit polyclonal antibody (Cat. No.: NK104-4) 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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