

PE-04AAX90-P

MET (1233-1239) pS1236 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on Met



KINEXUS

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Target Protein

Name Long:	Hepatocyte growth factor (HGF) receptor-tyrosine kinase
Name Alias:	C-met; Hepatocyte growth factor receptor; HGF receptor; HGFR; HGF-SF receptor; Kinase Met; Met proto- oncogene tyrosine kinase; Met proto-oncogene; RCCP2; ENSG00000105976
Species Origin:	Human
UniProt ID:	P08581

Peptide Structure

Peptide Name:	MET (1233-1239) pS1236
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	E1233-N1239
Peptide Sequence:	EYY(pS)VHN(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1206.1 +1164.1
Observed Peptide Mass:	1205.8
% Peptide Purity:	91
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:	KMP04CAN-09
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 Met-pS1236 rabbit polyclonal antibody (Cat. No.: PK705) that is also available from Kinexus. This phosphopeptide may also be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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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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