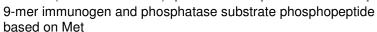
# PE-04AFO99-P

## MET (1232-1238) pY1234+pY1235 Peptide Powder





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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 (1232-1238) pY1234+pY1235
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	K1232-H1238
Peptide Sequence:	KE(pY)(pY)SVH(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:	1259.15
Observed Peptide Mass:	1259.8
% Peptide Purity:	98.9
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:	KMP04CAV-07
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20 ℃

#### **Applications**

Product Use:	Services as a blocking peptide for use with the Met-pY1234+pY1235 rabbit polyclonal antibody (Cat. No.: PK711) that is also available from Kinexus. This phosphopeptide may also be useful as a substrate for screening the
	phosphatase activity of protein phosphatases.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)