

PE-04ADM99-P

RON (1235-1241) pY1238 + pY1239 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on Ron (RONa)



KINEXUS

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Target Protein

Name Long:	Macrophage-stimulating protein receptor alpha chain
Name Alias:	CD136; CD136 antigen; CDW136; C-met-related tyrosine kinase; Kinase RON; Macrophage stimulating 1 receptor; Macrophage-stimulating protein receptor precursor; MSP receptor; MST1R; PTK8; STK; CCDS2807.1; ENSG00000164078
Species Origin:	Human
UniProt ID:	Q04912

Peptide Structure

Peptide Name:	RON (1235-1241) pY1238 + pY1239
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	D1235-V1241
Peptide Sequence:	DRE(pY)(pY)SV(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:	1265.1
Observed Peptide Mass:	1264.6
% Peptide Purity:	99.0
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:	KMP04CAT-38
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 Ron-pY1238 +pY1239 rabbit polyclonal antibody (Cat. No.: PK801) 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.

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