

PE-04ABN85-P

NDR1 (285-291) pY288 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on NDR1 (NDR, STK38)



KINEXUS

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Target Protein

Name Long:	Serine/threonine-protein kinase 38
Name Alias:	AA617404; DJ108K11.2; NDR1 protein kinase; NDR; STK38; CCDS4822.1; ENSG00000112079
Species Origin:	Human
UniProt ID:	Q15208

Peptide Structure

Peptide Name:	NDR1 (285-291) pY288
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	T285-P291
Peptide Sequence:	TPD(pY)IAP(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:	1041.1
Observed Peptide Mass:	1070.0*
% Peptide Purity:	87
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-25
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	This phosphopeptide may 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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