

PE-04AWR85-P

NDR1 (277-291) pS281+pT282+pT285+pY288

Peptide Powder

15-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 (277-291) pS281+pT282+pT285+pY288
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	Q277-P291
Peptide Sequence:	QLAF(pS)TVG(pT)PD(pY)IAP
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2035.1
Observed Peptide Mass:	2033.5*
% Peptide Purity:	84.2
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:	KLP04CAD-21
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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