

PE-04ASZ01-S

DDR1 (793-800) pY796+pY797 Peptide Solution

8-mer immunogen and phosphatase substrate phosphopeptide based on DDR1



KINEXUS

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Target Protein

Name Long:	Epithelial discoidin domain-containing receptor 1
Name Alias:	CAK; CD167; CD167a; CD167a antigen; Cell adhesion kinase; Discoidin domain receptor tyrosine kinase 1; Discoidin receptor tyrosine kinase ;DDR; EDDR1; MCK10; NEP; NTRK4; PTK3; Tyrosine- protein kinase CAK; ENSG00000215522
Species Origin:	Human
UniProt ID:	Q08345

Peptide Structure

Peptide Name:	DDR1 (793-800) pY796+pY797
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	A793-Q800
Peptide Sequence:	AGD(pY)(pY)RVQ
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
% Peptide Purity:	Spot
Peptide Appearance:	Clear liquid
Peptide Form:	Solution
Peptide Solubility:	Supplied at 1 mg/ml concentration in 5% DMSO in water
Lot Number:	KMP04CAH-34
Amount:	250 µg
Storage Conditions:	Frozen at -20 °C
Storage Stability:	Over 6 months at -20 °C and 1 mg/ml concentration

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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