

PE-04AVT01-S

KHS1 (165-171) pT168 Peptide Solution

7-mer immunogen and phosphatase substrate phosphopeptide based on KHS1 (MAP4K5; KHS)



KINEXUS

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Target Protein

Name Long:	Kinase homologous to SPS1/STE20 (MAP kinase kinase protein-serine kinase 5 (MEKKK5))
Name Alias:	GCKR; Germinal center kinase-related; Germinal center kinase-related enzyme; KHS; Kinase KHS1; M4K5; MAP4K5; MAPK5; Q9Y4K4; ENSG00000012983
Species Origin:	Human
UniProt ID:	Q9Y4K4

Peptide Structure

Peptide Name:	KHS1 (165-171) pT168
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	1165-K171
Peptide Sequence:	ITA(pT)IAK
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-86
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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