

PE-04ALQ95-P

ASK1 (1030-1036) pS1033 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on ASK1 (MAP3K5)



KINEXUS

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Target Protein

Name Long:	Apoptosis signal regulating protein-serine kinase 1
Name Alias:	Apoptosis signal regulating kinase 1; Apoptosis signal-regulating kinase 1; ASK-1; Kinase ASK1; M3K5; MAP3K5; MAPK/ERK kinase kinase 5; MAPKKK5; MEK kinase 5; MEKK5; ENSG00000197442
Species Origin:	Human
UniProt ID:	Q99683

Peptide Structure

Peptide Name:	ASK1 (1030-1036) pS1033
Peptide Origin:	After the kinase catalytic domain. This is the major in vivo phosphorylation site in ASK1.
Peptide Sequence Location:	A1030-E1036
Peptide Sequence:	APP(pS)PEE(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:	979.94
Observed Peptide Mass:	977.4
% Peptide Purity:	95.4
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:	KMP04CAX-02
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 ASK1-pS1033 rabbit polyclonal antibody (Cat. No.: PK524) 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)