

PE-04ARU01-S

ASK1 (839-845) pT842 Peptide Solution

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



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

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 (839-845) pT842
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	F839-Y845
Peptide Sequence:	FTG(pT)LQY
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-09
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.
---------------------	--

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)