PE-04AVC01-S

ICK (162-168) pT162+pY165 Peptide Solution

7-mer immunogen and phosphatase substrate phosphopeptide based on ICK

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

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

Target Protein

Name Long:	Intestinal cell (MAK-like) kinase
Name Alias:	ECO; HICK; Intestinal cell (MAK-like) kinase; Intestinal cell kinase; KIAA0936; Kinase ICK; Laryngeal cancer kinase 2; LCK2; MAK-related kinase; MGC46090; MRK; Serine/threonine kinase ICK
Species Origin:	Human
UniProt ID:	Q9UPZ9

Peptide Structure

Peptide Name:	ICK (162-168) pT162+pY165
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	T162-P168
Peptide Sequence:	(pT)RW(pY)RAP
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-74
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.