

PE-04AVB01-S

ICK (158-164) pY159+pS161+pT162 Peptide Solution

7-mer immunogen and phosphatase substrate phosphopeptide based on ICK



KINEXUS

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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 (158-164) pY159+pS161+pT162
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	D158-W164
Peptide Sequence:	D(pY)V(pS)(pT)RW
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-73
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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