PE-04AUZ75-P

ICK (152-168) pY156+pT157+pY159+pS161+pT162+pY165 Peptide Powder

17-mer immunogen and phosphatase substrate phosphopeptide based on ICK

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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 (152-168) pY156+pT157+pY159+pS161+pT162+pY165
Peptide Origin:	In the protein kinase catalytic domain in subdomain I.
Peptide Sequence Location:	S152-P168
Peptide Sequence:	SKPP(pY)(pT)D(pY)V(pS)(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
Calculated Peptide Mass:	2782.6
Observed Peptide Mass:	2782.5
% Peptide Purity:	75 ?
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:	KLP04CAC-10
Amount:	1 mg
Storage Conditions:	Frozen at -20℃
Storage Stability:	Over 1 year at -20℃

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.

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