

PE-04AUT01-S

HIPK1 (348-354) pT351+pY352 Peptide Solution

7-mer immunogen and phosphatase substrate phosphopeptide based on HIPK1



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Target Protein

Name Long:	Homeodomain-interacting protein-serine kinase 1
Name Alias:	HIK1; Homeodomain interacting protein kinase 1; KIAA0630; MGC26642; MGC33446; MGC33548; Myak; Nbak2
Species Origin:	Human
UniProt ID:	Q86Z02

Peptide Structure

Peptide Name:	HIPK1 (348-354) pT351+pY352
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII. These are the major in vivo phosphorylation sites in HIPK1.
Peptide Sequence Location:	V348-Q354
Peptide Sequence:	VCS(pT)(pY)LQ
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-67
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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