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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Phosphorylated CHKtide

Cat. No.:	HY-P10574
Molecular Formula:	C ₁₁₅ H ₁₉₉ N ₄₀ O ₃₆ PS
Molecular Weight:	2781.1
Sequence:	Lys-Lys-Lys-Val-{pSer}-Arg-Ser-Gly-Leu-Tyr-Arg-Ser-Pro-Ser-Met-Pro-Glu-Asn-Leu-Asn-Arg-Pro-Arg
Sequence Shortening:	KKKV-{pSer}-RSGLYRSPSPENLNRPR
Target:	Checkpoint Kinase (Chk)
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Phosphorylated CHKtide is a synthetic peptide substrate derived from CDC25C, which is phosphorylated by CHK1/CHK2 in one of the DNA repair pathways. Phosphorylated CHKtide is used in the assays of cell cycle checkpoint kinases 1 and 2 (CHK1/CHK2) and salt-inducible kinases (SIKs)^[1].

REFERENCES

[1]. Yoshida, et al. Phosphorylation of microtubule-associated protein tau by AMPK-related kinases. *Journal of neurochemistry* 120.1 (2012): 165-176.

Caution: Product has not been fully validated for medical applications. For research use only.

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