
Ser25 PKC [19-31] Peptide

Subcategory: Substrate Peptide, Synthetic Peptide

Cat. No.: 350005

Unit: 1 mg

Description:

This peptide is a pseudosubstrate for a number of serine/threonine kinases, including protein kinase A (PKA), protein kinase B (PKB), protein kinase C (PKC), protein kinase CHK1, and glycogen synthase kinase 3 (GSK3) different isoforms. The peptide sequence is derived from the residues 19-31 of human protein kinase C isoforms alpha and beta, which contains the R-X-X-S/T consensus motif for Ser/Thr kinases that phosphorylate the Ser25 within this peptide.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Protein kinase C alpha type; PKC-alpha; PKC-A; PRKCA; PKCA; PRKACA; Protein kinase C beta type; PKC-beta; PKC-B; PRKCB1; PKCB; PRKCB

Accession No.: P17252, P05771

MW: 1559.9 g/mol

Sequence: Arg-Phe-Ala-Arg-Lys-Gly-Ser-Leu-Arg-Gln-Lys-Asn-Val or RFARKGSLRQKNV

Composition: C67H118N26O17

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.