
Calcineurin Substrate Peptide

Subcategory: Synthetic Peptide, Substrate Peptide

Cat. No.: 350105

Unit: 1 mg

Description:

The calcineurin substrate peptide corresponds to a sequence from the regulatory RII subunit of cAMP-dependent protein kinase. Calcineurin substrate can be used for assaying protein phosphatase-2B (calcineurin) activity.

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

Alternate Names: Calcineurin; cAMP-dependent protein kinase type-II-alpha regulatory subunit

Accession No.: P00515

MW: 2112.4 g/mol

Sequence: H-Asp-Leu-Asp-Val-Pro-Ile-Pro-Gly-Arg-Phe-Asp-Arg-Arg-Val-Ser-Val-Ala-Ala-Glu-OH or H-DLDVPIPGRFDRRVSAAE-OH

Composition: C₉₂H₁₅₀N₂₈O₂₉

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.