

Methylation Substrate

CH3 Catalog #830001 Unit Size: 10 µg/10 µl

CH3 Catalog #830002 Unit Size: 25 µg/50 µl

PRODUCT OVERVIEW

Arginine-Rich Peptide is a synthetic 1.6 kilodalton peptide that can be used to detect arginine methyltransferase activity in cell/tissue extracts and other biological fluids. Detection of the presence of methylarginine can be performed with anti-mRG methylarginine-specific antibody or by film based detection methods that utilize a radioactive methyl donor in the assay reaction.

PURIFICATION

Purity (>99%) and identity confirmed by reverse phase HPLC and ESI MS.

FORMULATION

Lyophilized peptide dissolved in sterile de-ionized water (≥ 18 M Ω cm).

RECOMMENDED USAGE

In vitro detection of arginine methyltransferase activity. Chemiluminescent western blotting (Anti-mRG) or fluorography of radiolabeled Arginine-Rich Peptide in dried SDS-PAGE gel.

TESTING

Validated by in vitro methylation using CH3 PRMT1 Enzyme Assay.

STORAGE

Store undiluted at $\leq -20^\circ$ C.

All products are for Research Use Only and not for in vitro diagnostic use

This Package Insert is provided for product evaluation purposes only and is not intended to be used in place of the Package Insert shipped with the product.