

Type I Protein Arginine Methyltransferase

CH3 Catalog # 820001, Unit Size: 200 µl

- PRODUCT OVERVIEW : PRMT1 is a recombinant type I protein arginine methyltransferase expressed as a fusion protein in bacteria. As supplied, the enzyme is active and capable of methylating arginine acceptor sites in peptides and proteins under appropriate incubation conditions.
- PURIFICATION : Glutathione Sepharose chromatography.
- FORMULATION : Tris Buffer pH 8.
- RECOMMENDED USAGE : In vitro methylation of proteins and peptides. A pilot assay is suggested to determine the amount of enzyme appropriate for the end user's assay conditions. CH3 BioSystems has used 5 µl of this lot for detection of radioactive methyl incorporation in a 24 µl assay volume and 15 µl of this lot for non-radioactive detection using Anti-mRG in a 30 µl assay volume.
- TESTING : All lots of PRMT1 exhibit methyltransferase activity based on the conversion of an arginine-rich peptide to a methylarginine containing peptide based on methylarginine-specific antibody reactivity.
- STORAGE : Avoid multiple freeze/thaw cycles. Thaw upon first use and prepare appropriately sized aliquots. Store at -80° C. Stable for 6 months from date printed on label.

*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.*