



Product Data Sheet

Product Name:	UOM9, PKC Substrate, phosphorylated	
Catalog Number:	AS-20294 (1 mg)	Lot Number: See label on vial
Sequence:	H-Lys-Arg-Pro-pSer-Gln-Arg-His-Gly-Ser-Lys-Tyr-NH ₂ (3-letter code) KRP-pS-QRHGSKY-NH ₂ (1-letter code)	
Molecular Weight:	1422.5	
Peptide Purity:	>95%	
Appearance:	Lyophilized white powder	

Peptide Reconstitution: UOM9, PKC peptide is freely soluble in water.

Storage: UOM9, PKC peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.

Reference: Ref: Rusnak, F. et al. *J. Biomol. Tech.* **13**, 228 (2002).

Additional Information: Listed below are relevant information that may provide a guideline on how to use this product. End users will have to adapt to their own specific applications.

Anti-PKC- α and anti-PKC- β I antibodies were preincubated with a ten-fold weight excess of the corresponding peptide provided by the manufacturer of the antibody (Santa Cruz Biotechnology) at $+4^{\circ}\text{C}$ for 18 hr. Anti-phospho-PKC substrate antibodies were preincubated similarly with a phosphorylated peptide that corresponds to the phosphorylation pattern and amino acid sequence that this antibody detects (phosphorylated PKC substrate 3; H-Lys-Arg-Pro-phosphoSer-Gln-Arg-His-Gly-Ser-Lys-Tyr-NH₂) (AnaSpec, Inc.; San Jose, CA)- [Aaltonen, V. et al. *J. Histochem. Cytochem.* **54**, 795 \(2006\).](#)

Published Citations:

Aaltonen, V. et al. *J. Histochem. Cytochem.* **54**, 795 (2006).

Related Products:

Name	Cat #	Size
Phosphopeptide Mass Spec Standards	AS-61145	1 kit

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