

## Modified AKT Substrate

**Catalog Number:** A08-58B

**Lot Number:** A4710-2

### Certificate of Analysis

#### Description

**Source:** The Modified AKT Substrate peptide sequence (modified-CKRPRAASFAE) is based on the N-terminus of GSK3. This peptide is modified at the N-terminus resulting in enhanced phosphorylation by protein kinases compared to phosphorylation of the non-modified AKT substrate.

#### Specifications

**Purity:** 95.73% as determined by HPLC analysis  
**Formulation:** 1 mg peptide stored in 1X PBS, 2.5 mM EDTA, 5mM DTT.

#### Preparation and Storage

**Concentration:** 1 mg/mL  
**Shipping:** Product is provided as liquid which is shipped on blue or dry ice.  
**Stability & Storage:** Product is stable for at least 12 months at -20°C. For optimal storage, aliquot the product into smaller quantities after reconstitution. Avoid repeated handling and multiple freeze/thaw cycles.

The products are not to be used in humans. In the absence of any express written agreement to the contrary, products sold by SINO BIOLOGICAL, INC. are for research-use-only (RUO).

If you have any further questions, please contact Technical Services at [support@sinobiological.com](mailto:support@sinobiological.com)



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