

## CK2 Substrate

**Cat. No.** CK2-192    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | The synthetic peptide (RRRADDSDDDDD) contains serine protein kinase phosphorylation site surrounded by acidic residues and is high selectively evaluated as a substrate for CK2 family kinases.                                      |
| <b>Description</b>      | The CK2 Substrate product can be utilized in the following research areas, but not limited to: Cancer, Inflammation, Neurobiology, NfκB Pathway, Ser/Thr Kinases, WNT Signaling                                                      |
| <b>Form</b>             | 1mg of peptide supplied as a lyophilized powder.                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 1450.37 Da                                                                                                                                                                                                                           |
| <b>Purity</b>           | The purity was determined to be 97.24% by HPLC analysis.                                                                                                                                                                             |
| <b>Applications</b>     | Kinase Assay                                                                                                                                                                                                                         |
| <b>Stability</b>        | 1 year at -20 centigrade from date of shipment.                                                                                                                                                                                      |
| <b>Storage</b>          | Store product at -20 centigrade. For optimal storage, aliquot diluted product into smaller quantities and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. |
| <b>Reconstitution</b>   | Dilute peptide in 20mM Tris-HCl, pH 7.5 solution to a final concentration of 1mg/ml.                                                                                                                                                 |

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