

## S6K Substrate

**Cat. No.** S6K-291    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | The S6K sub peptide sequence (KRRRLASLR) is based on human 40S ribosomal protein S6 (amino acid 230-238).                                                                                                                            |
| <b>ProteinLength</b>    | 230-238 a.a.                                                                                                                                                                                                                         |
| <b>Description</b>      | The S6K Substrate product can be utilized in the following research areas, but not limited to: AKT/PKB Pathway, Angiogenesis, Apoptosis/Autophagy, Cancer, Cardiovascular Disease, Inflammation, Metabolic Disorder                  |
| <b>Form</b>             | 1mg of peptide supplied as a lyophilized powder.                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 1155.4 Da                                                                                                                                                                                                                            |
| <b>Purity</b>           | Determined to be 99.1% 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 distilled H <sub>2</sub> O to a final concentration of 1mg/ml.                                                                                                                                                     |

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