

## Certificate of Analysis

<b>Product</b>	<b>MAPKAPK2 peptide substrate, KKLNRTLVA</b>
Cat No	PKS-018-01
Lot No	489-130201
<b>Description</b>	The synthetic peptide KKLNRTLVA can be used as a substrate for MAPKAPK2 in <i>in vitro</i> kinase assays. It is phosphorylated by MAPKAPK2 with a $K_m$ of 18.4 $\mu\text{M}$ and a $v_{\text{max}}$ of 12.7 $\mu\text{mol}/\text{min}/\text{mg}$ M.W. 1,129
<b>Purity</b>	90 - 95 % (by HPLC)
<b>Form</b>	Lyophilized powder Reconstitution in $\text{H}_2\text{O}$ dest.
<b>Package size</b>	1 mg
<b>Storage condition</b>	-20 °C
<b>Shipment conditions</b>	room temperature

## References

Stokoe D, Caudwell B, Cohen PT, Cohen P, Biochem J296, 843-849.

*Material for in vitro research use only. Not for pharmaceutical or drug application. Material does not contain any animal products such as albumin.*

**AVOID FREEZE/THAW CYCLES**