

Certificate of Analysis

Product	LKB1 peptide substrate, LSNLYHQGKFLQTFCSPLYRRR
Cat No	PKS-013-01
Lot No	850-151004
Description	The synthetic peptide LSNLYHQGKFLQTFCSPLYRRR can be used as a substrate for LKB1 in <i>in vitro</i> kinase assays. It is phosphorylated by the LKB1:STRAD:MO25 complex with a K_m of 0.15 mM and a V_{max} of 86.8 nmol/min/mg. M.W. 2,785
Purity	85 - 90 % (by HPLC)
Form	Lyophilized powder Reconstitution in H ₂ O dest.
Package size	1 mg
Storage condition	-20 °C
Shipment conditions	room temperature

References

Lizcano JM, Göransson O, Toth R, Deak M, Morrice NA, Boudeau J, Hawley SA, Udd L, Mäkelä T, Hardie DG, Alessi DR (2004) EMBO J 23: 833-843.

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