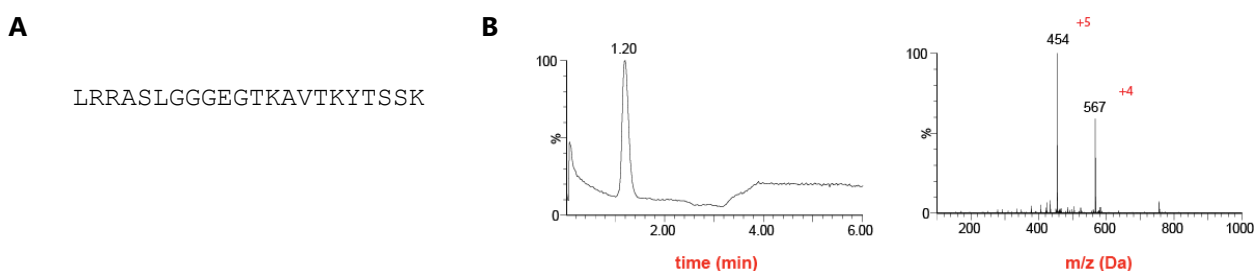


## **LRRASLG-GG-H2B(113-125)** (*human sequence, synthetic*)

UbiQ code : UbiQ-333  
 Batch # : B01065022-001  
 Amount : 50 ug, lyophilized powder  
 Purity : ≥95% by RP-HPLC  
 Mol. Weight : 2.26 kDa  
 Storage : upon arrival, powder at –20°C, solution at –80°C. Please avoid multiple freeze/thaw cycles.

## Productsheet

**Background.** UbiQ-333 is based on an H2B(113-125) peptide which is modified on the N-terminus with a PKA (cAMP-dependent Protein Kinase) sequence: LRRASLG; a Gly-Gly linker is used to create extra space between the PKA and H2B peptide sequence. It can be used as a control reagent for UbiQ-332.



**Figure 1.** A: sequence. B: LC-MS analysis. Mobile phase A= 1% CH<sub>3</sub>CN, 0.1% formic acid in milliQ and B= 1% milliQ and 0.1% formic acid in CH<sub>3</sub>CN. XBridge BEH300 C18 3.5 μm 4.6x100mm; column T= 40°C, flow= 0.8 mL/min. Gradient: 30–80%B over 3.5 min.

### important: sample preparation

- dissolve the powder in as little DMSO as possible, e.g. 4.5 – 9 mg/mL (2.00 – 4.00 mM)
- add this DMSO stock slowly to milliQ (please note the order of addition)
- buffer the aq. solution as desired