

UbiQ

targeting the ubiquitin system

Biotin-Ahx-H2B(106-125) (*human sequence, synthetic*)

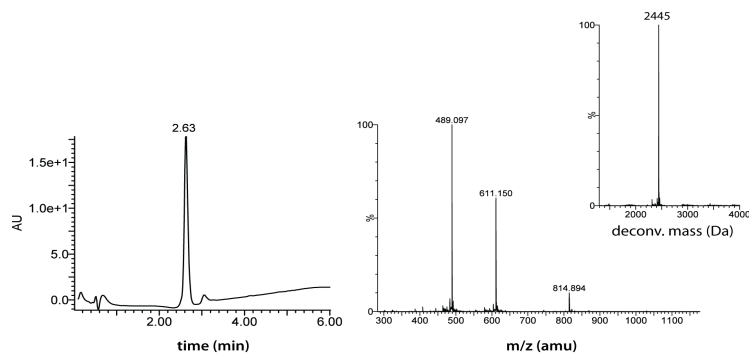
UbiQ code : UbiQ-151
Batch # : B01112013-001
Amount : 100 ug, lyophilized powder
Purity : $\geq 95\%$ by RP-HPLC
Mol. Weight : 2.45 kDa
Storage : upon arrival, powder at -20°C ; solution at -80°C . Please avoid multiple freeze/thaw cycles.

Productsheet

Background. UbiQ-151 is an H2B(106-125) peptide which is labeled on the *N*-terminus with biotin (separated by an 6-aminohexanoic acid linker). It can serve as control peptide for UbiQ-150.

sequence

Biotin-Ahx-LAKHAVSEGTKAVTKYTSSK



LC-MS analysis. Mobile phase A = 1% CH_3CN , 0.1% formic acid in water (milliQ) and B = 1% water (milliQ) and 0.1% formic acid in CH_3CN . Phenomenex Kinetex C18, (2.1 \times 50 mm, 2.6 μM); flow rate = 0.5 mL/min, runtime= 6 min, column T= 40°C . Gradient: 5-95% over 3.5 min.

Important: sample preparation

- dissolve the powder in as little DMSO as possible (e.g. 24.5 mg/mL= 10 mM)
- add this DMSO stock slowly to milliQ (please note the order of addition)
- buffer the aq. solution as desired