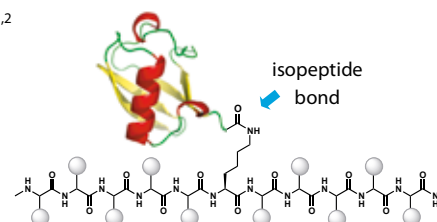


CUSTOM UBIQUITINATED PEPTIDE SYNTHESIS

With UbiQ^{PEP}, UbiQ offers isopeptide linked Ub-polypeptide conjugates with a range of modifications to meet your research needs. Peptides up to 20 amino acids are site-selectively ubiquitinated via a native isopeptide link using our proprietary Ub ligation technology.^{1,2}

Applications

- epitope mapping (e.g. with deubiquitylating enzymes)
- protein structure-function analysis
- pull-down experiments (proteomics)³
- ligand for X-ray analysis of proteins



specifications and available options	price	
peptide length	up to 20 amino acids*, L- or D-isoforms	
ubiquitination	site-selectively monoubiquitinated via native isopeptide link	
manufacturing scale	100 µg 250 µg 500 µg**	€ 1,200 € 2,000 € 3,000
purity options	crude (>75%) or HPLC purified (≥95%)	75% of scale price 100% of scale price
N-terminal modifications	Acetylation Biotinylation*** HA-tag His6-tag***	+ € 50 + € 100 + € 500 + € 350
other modifications	possibility to incorporate special amino acids (e.g. unnatural)	
quality control (QC)	LC-MS	
standard delivery time	4 to 6 weeks	

* please inquire about longer peptide lengths

** greater amounts available upon request

*** biotin and His6- tag are separated from peptide by one aminohexanoic acid linker; the HA (= YPYDVPDYA) tag by two Ahx linkers.

How to order

1	www.ubiqbio.com	2	reagents	3	UbiQ ^{PEP}	4	order form
5	enter the sequence of your peptide and site of Lys(Ub)						
6	choose the N-terminal modification, quantity and purity						
7	register your account and submit order						

Ubiquitinated H2A and H2B peptides

For your convenience we have made these characteristic monoubiquitinated peptides available directly from stock. Please inquire at sales@ubiqbio.com for more info.

UbiQ-code	name
UbiQ-060	Ub-H2A(113-128) K119 linked
UbiQ-061	Ub-H2A(113-128) K120 linked
UbiQ-062	Ub-H2B(113-125) K120 linked

literature

- 1 El Oualid et al. *Angew Chem Int Ed* **2010**, *49*, 10149.
 - 2 "Thiolysine and selenolysine building blocks and their use in site- and chemoselective modification of peptides and proteins. **2009**. F. El Oualid & H. Ovaa. *U.S. Patent issued U58729009*. PCT/NL2010/050277, US61/176,616, EP09160430.6
 - 3 Fradet-Turcotte et al. *Nature* **2013**, *399*, 50.
- for a complete list of references we refer to the product group overview document.