



Research Kit

Our Research Kit works as the perfect introduction to the world of PEC peptide purification. The ready-to-use package comes with PEC-Linker, cartridges pre-filled with activated filter material, and related consumables. You can choose between three formats to provide you with the ideal kit in a suitable number and scale for your purification needs.



„The time saved working with the Research Kit is precious, enabling technicians to work on other tasks. Also, Belyntic has offered fantastic customer support, with fast communication and great suggestions on how to solve issues to achieve the highest yield and purity.“

Jonas E. Jensen, PhD,
Zealand Pharma A/S

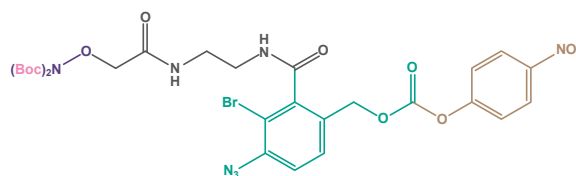
Research Kit 8 x 25 µmol*: meet your research demands

Research Kit 8 x 100 µmol*: tackle the elevated scales

Research Kit 24 x 10 µmol*: create small purified libraries

*referring to synthesis scale

Ready-to-use



Built on Belyntic's catch-and-safety-release
PEC-Linker RC+

Product Highlights:

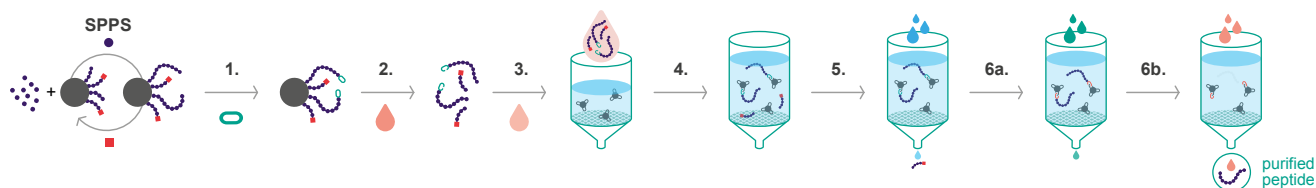
- fast & easy purification
- instrument-free parallel purification
- low solvent consumption
- hands-on explanation on our YouTube-Channel

	Research Kit 8 x 25 µmol	Research Kit 8 x 100 µmol	Research Kit 24 x 10 µmol
PEC-Linker	RC+	RC+	RC+
Activated filter material	Agarose100 filled in 8 fritted cartridges	Agarose100 filled in 8 fritted cartridges	Agarose100 filled in 24 fritted cartridges
Reducing Agent	DL-Dithiothreitol	DL-Dithiothreitol	DL-Dithiothreitol
Blocking Agent	L-Cysteine	L-Cysteine	L-Cysteine
Buffer	Mixture of citric acid-sodium carbonate	Mixture of citric acid-sodium carbonate	Mixture of citric acid-sodium carbonate
Manual	Included	Included	Included
Product code	180484008	180484007	180484009
Price	350 €	600 €	540 €

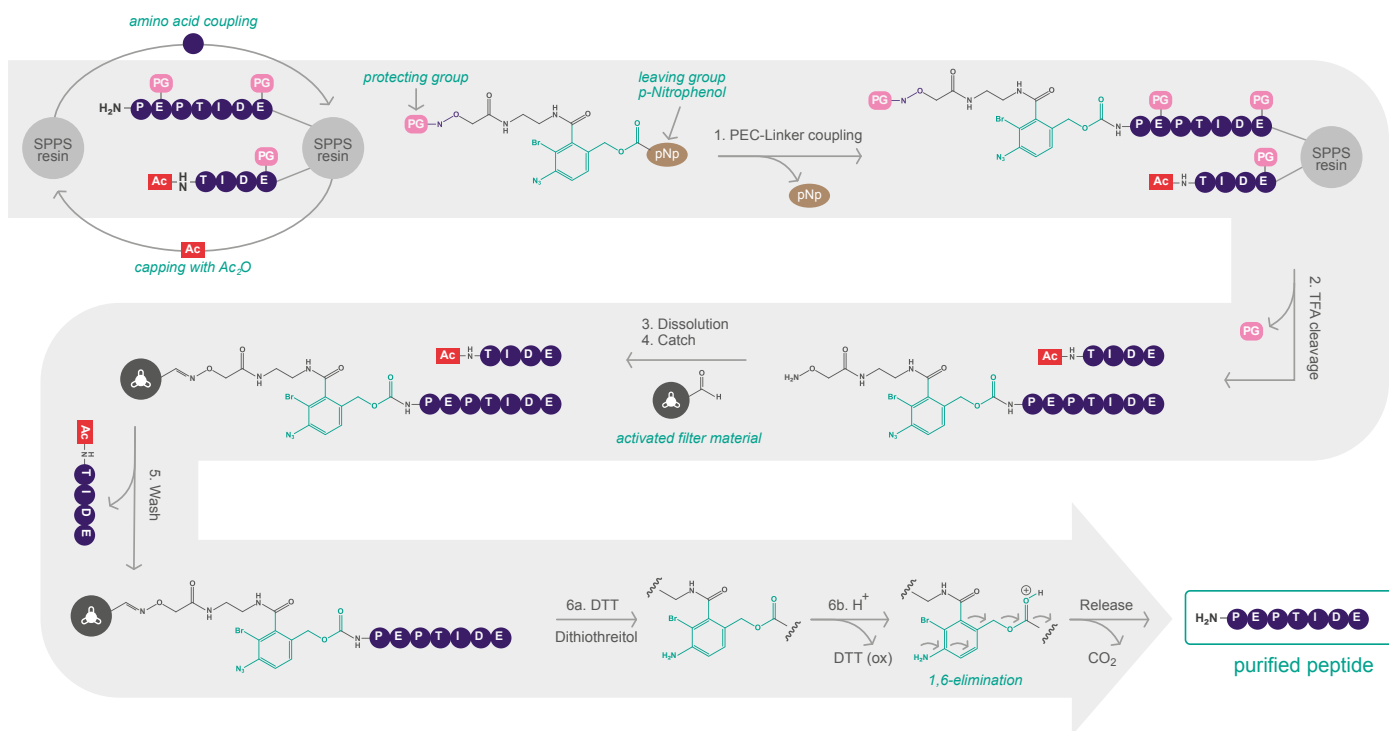


Our Technology

Belyntic's Peptide Easy Clean (PEC) technology breaks barriers in peptide purification. The key for a universal application is our novel reductively cleavable PEC-Linker RC+. The target peptide is covalently captured on our high-capacity activated filter material via robust oxime ligation. The safety-catch functionality allows the traceless release of the purified peptide without the formation of by-products.



1. Couple the PEC-Linker after SPPS
2. Cleave and elute the peptide
3. Precipitate and dissolve
4. Catch on activated filter material
5. Wash away impurities
- 6a. Reduce the PEC-Linker to enable safety-release of peptide
- 6b. Release your purified peptide with weak acids



Changing the Tide in Peptides

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