

# PurePep<sup>®</sup> EasyClean Purification Kits

GYROS PROTEIN  
Technologies

## High-Throughput Kit

Our High-Throughput Kits open doors for the massive parallelization of peptide purification for highly reliable assay results. The package contains prefilled deep-well plates to create purified peptide libraries with unprecedented speed. Choose between two formats to match your desired throughput and scale.

**PurePep EasyClean High-Throughput Kit 96 x 10  $\mu$ mol\***  
Get access to a purified peptide library in a single day

**PurePep EasyClean High-Throughput Kit 48 x 20  $\mu$ mol\***  
Seamlessly adjust your scale and throughput

\*referring to synthesis scale



“ Gyros Protein Technologies’ High-Throughput Kit allowed me to quickly and conveniently cleanup 96 peptides from an array synthesis. This greatly improved the purity of my peptides facilitating generation of high quality data from subsequent screening experiments.”

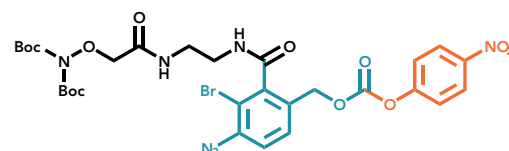
Senior Scientist, Pharma Company

### READY-TO-USE



### Product Highlights:

- 48 or 96 purified peptides with one simple method in a single day
- 10 or 20  $\mu$ mol scales with up to 40 mg of purified peptides per well
- PEC-grade peptide libraries for more reliable screening and validation assays
- Up to 95% lower solvent consumption and waste generation
- Reduced purification cost

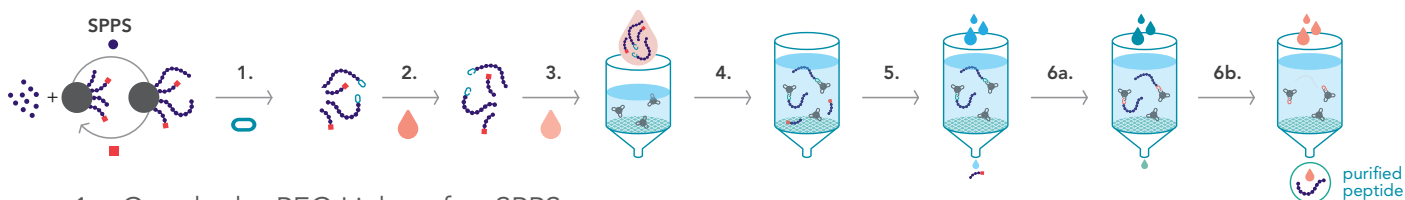


PEC-Linker RC+

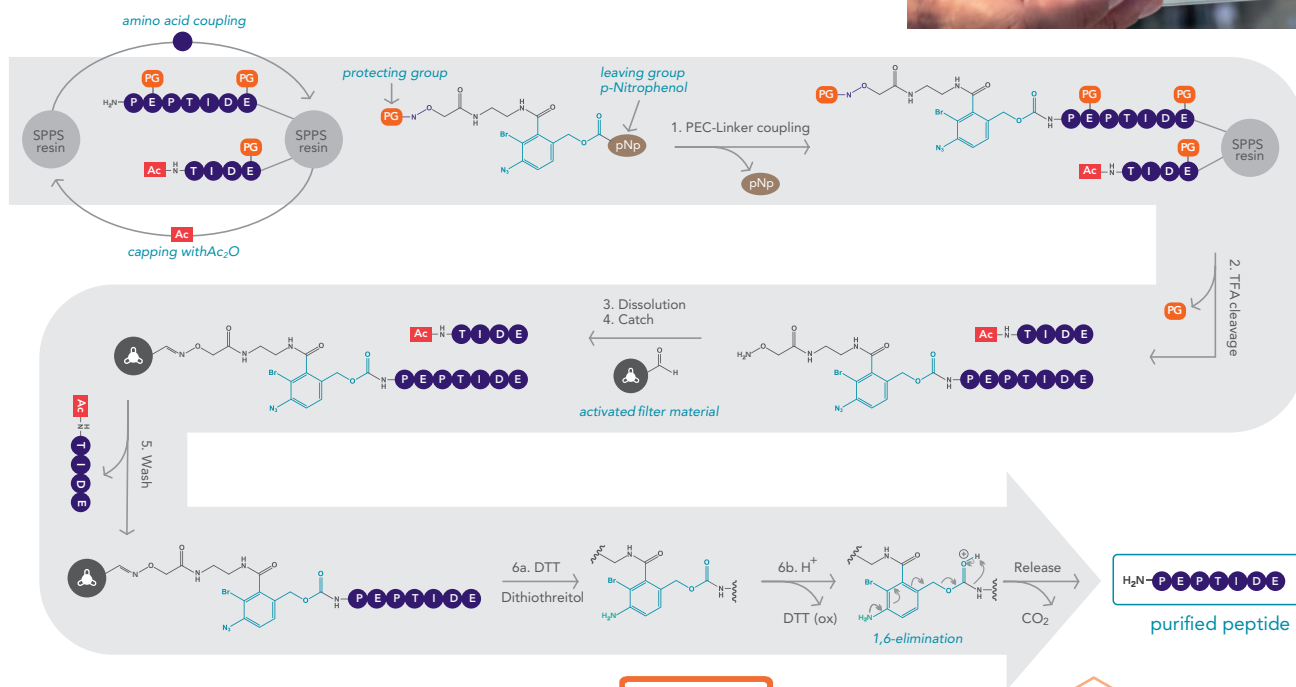
	PurePep EasyClean High-Throughput Kit 96 x 10 $\mu$ mol	PurePep EasyClean High-Throughput Kit 48 x 20 $\mu$ mol
Scale	96 x 10 $\mu$ mol	48 x 20 $\mu$ mol
PEC-Linker	RC+	RC+
Activated filter material	Agarose100 filled in 96 deep well-plate	Agarose100 filled in 48 deep well-plate
Reducing Agent	1,4-Dithiothreitol	1,4-Dithiothreitol
Blocking Agent	L-Cysteine	L-Cysteine
Buffer	Citric acid - sodium carbonate mixture	Citric acid - sodium carbonate mixture
Additional equipment	TFA and peptide collection plate	TFA and peptide collection plate
Optional equipment	Vacuum manifold "High-throughput" (P0020877)	Vacuum manifold "High-throughput" (P0020877)
Documentation	Manual in English	Manual in English
Product code	P0020875	P0020876

# Our Technology

Gyros Protein Technologies' PurePep EasyClean (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 into collection plate
3. Precipitate and dissolve
4. Catch on activated filter material, pre-packed in deep well-plate
5. Wash away impurities
- 6a. Sensitize the PEC-Linker through reduction
- 6b. Release your purified peptides with mild acids



View the hands-on explanation on the YouTube channel



For more information:  
[peptides@gyrosproteintech.com](mailto:peptides@gyrosproteintech.com)  
[www.gyrosproteintech.com](http://www.gyrosproteintech.com)

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SWEDEN

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