

## Click coupling kit for 48mer

This kit can be used with the following **switch**SENSE® *Multi-purpose chips*: MPC-48-1-Y1-X, MPC-48-1-R1-X, MPC-48-2-Y1, MPC-48-2-R1-X and MPC2-48-2-G1R1-X. The protocol for the click reaction should be optimized for each reaction.

### Product description

Order Number	<b>CK-CLK-1-B48</b> (nanolever sequence B48)
Sequence	5'-ATC AGC GTT CGA TGC TTC CGA CTA ATC AGC CAT ATC AGC TTA CGA CTA-3'
Functional Group	5'DBCO for click reaction

Material	Cap	Amount	Storage	Comment
cNL-B48-DBCO	blue	5 x	-20°C	
cNL-A48 (1 µM in TE40 <sup>1</sup> )	yellow	500 µL	-20°C	

For *in vitro* use only.

Avoid many thaw freeze cycles. Please aliquot the nanolever.  
This product has a limited stability, please see expiry date on label.

<sup>1</sup> 10 mM Tris, 40 mM NaCl, 0.05 % Tween20, 50 µM EDTA, 50 µM EGTA

## Protocol

1. Dissolve one aliquot of cNL-B48-DBCO in 50  $\mu$ L PBS buffer (pH 7.2 – 7.4).
2. Add 100  $\mu$ g of a protein with a modified amino acid containing an azide (for SPAAC) and incubate for at least one hour.
3. Perform a proFIRE purification.

## Contact

### Dynamic Biosensors GmbH

Perchtinger Str. 8/10

81379 Munich

Germany

Phone: +49 89 89 74 544 0

### Dynamic Biosensors Inc.

300 Trade Center, Suite 1400

Woburn, MA 01801

USA

Phone: +1 781 404 6126

### Order Information

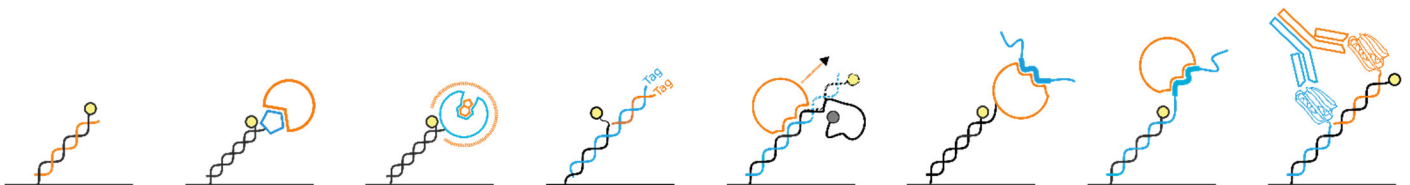
Phone: +49 89 89 74 544 0

Email: [order@dynamic-biosensors.com](mailto:order@dynamic-biosensors.com)

### Technical Support

Phone: +49 89 89 74 544 66

Email: [support@dynamic-biosensors.com](mailto:support@dynamic-biosensors.com)



**switchSENSE®** is a proprietary measurement technology by Dynamic Biosensors GmbH.

Instruments and biochips are engineered and manufactured in Germany.

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