

Stauro caproKit™ 10 Reactions

List of components

Stauro Capture Compound™

The Stauro caproKit™ allows a selective isolation of staurosporine-binding proteins (particularly protein kinases) and protein-protein interacting partners. The synthetic Capture Compound™ (Figure 1) uses staurosporine as selectivity function to interrogate native proteins. The technology enables analysis, discovery and characterization of staurosporine-binding proteins through an efficient complexity reduction of the proteome.

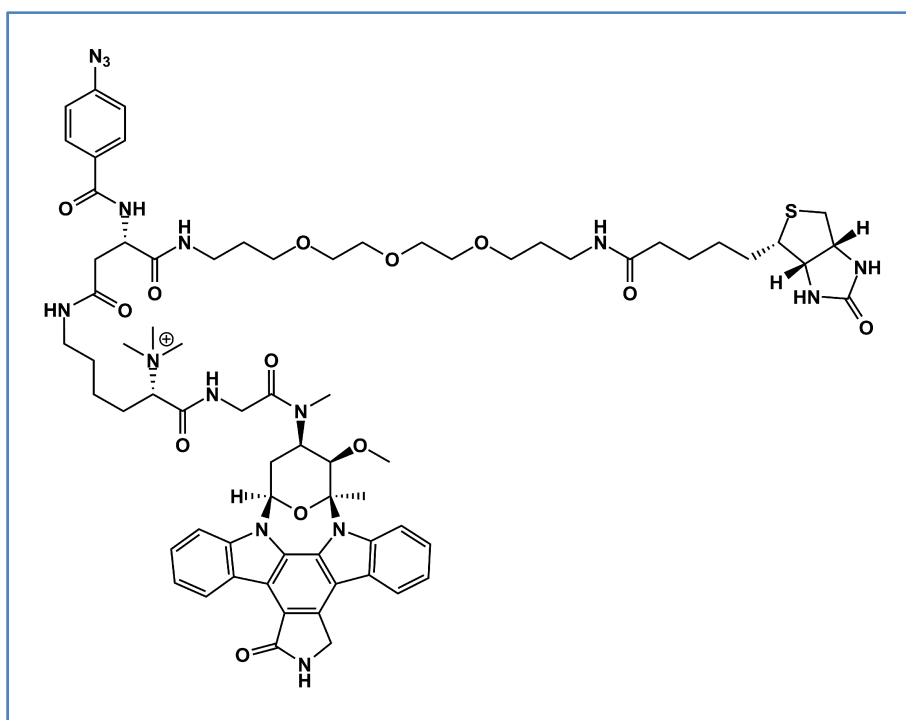


Figure 1 Stauro Capture Compound for selective isolation of staurosporine binding proteins using staurosporine as selectivity function.

Component	Amount	Composition	Storage
Capture buffer (5x CB)	0.25 ml	HEPES, KOAc, Mg(OAc) ₂ , Glycerol, Triton X-100, pH 7.5	4 to 8 °C
Wash buffer 1 (5x WB1)	4.8 ml	Tris*HCl, EDTA, NaCl, Octyl-β-D-glucopyranoside, pH 7.9	4 to 8 °C
Streptavidin coated magnetic beads (10 mg/ml SA-MB)	0.56 ml	Dynal Dynabeads MyOne™ Streptavidin C1 (Invitrogen)	4 to 8 °C
Stauro competitor (1 mM)	0.24 ml	Water	4 to 8 °C
PKA C α (9 μ M)	20 μ l	NaCl, K ₂ HPO ₄ , EDTA, Glycerol, β-mercaptoethanol, pH 6.8	- 20 to -18 °C
Stauro Capture Compound (50 μ M)	0.12 ml	Water	- 20 to -18 °C

Note: The PKA C α solution will not freeze due to the glycerol in the storage buffer, whereas the Stauro Capture Compound solution and Stauro competitor solution freeze and need to be completely thawed before usage. It is recommended to aliquot the Capture Compound solution upon arrival to avoid multiple freezing/thawing cycles of the stock solution.

Separate 300 μ l 5x WB1 in a fresh 1.5 ml tube for the assay. Dilute the rest of the 5x WB1 in a ratio of 1:5 in aqua bidest for washing steps and store at 4 to 8 °C.



Please read the material safety data sheet for this product at www.caprotec.com

Contact and order information:

caprotec bioanalytics GmbH

Volmerstrasse 5
D-12489 Berlin

Phone: +49 30 63 92 39 90
Fax: +49 30 63 92 39 89
Web: www.caprotec.com
Email: sales@caprotec.com

Ordering information: caprotec part number: 1-1020-010

Copyright

© 2008 caprotec bioanalytics GmbH. All rights reserved. Reproduction in whole or in part only with permission of caprotec bioanalytics GmbH.

Trademarks

caproKits, caproBox, caprotec, caproBeads, caproMag, ImproMed and Capture Compound are trademarks of caprotec bioanalytics GmbH. All other used tradenames or trademarks belong to their respective owners.

Rev. 1.0 07/09

Products & Services

CCMS technology is made available as ready to use caproKit reagents and services.

For more information please visit www.caprotec.com

Or contact us. Email: info@caprotec.com

Phone: +49 30 6392 4004

Products and Services are for Research use only.

© 2008 caprotec bioanalytics GmbH