

SAH caproKit™ 50 Reactions

List of components

SAH Capture Compound™

The SAH caproKit™ allows a selective isolation of SAM binding proteins. The synthetic Capture Compound™ (Figure 1) uses *S*-adenosyl-homocysteine as selectivity function to interrogate native proteins. The technology enables analysis, discovery and characterization of SAM binding proteins through an efficient complexity reduction of the proteome.

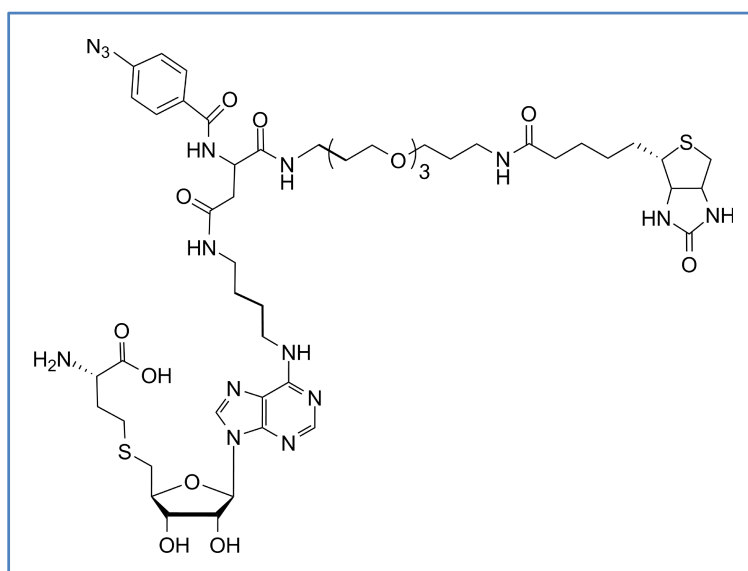


Figure 1 SAH Capture Compound for selective isolation of SAM binding proteins using SAH as selectivity function.

Component	Amount	Composition	Storage
Capture buffer (5x CB)	1.1 ml	HEPES, KOAc, Mg(OAc) ₂ , Glycerol, Triton X-100, pH 7.5	4 to 8 °C
Wash buffer 1 (5x WB1)	25 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)	2.8 ml	Dynal Dynabeads MyOne™ Streptavidin C1 (Invitrogen)	4 to 8 °C
S-Adenosyl-L-Homocysteine (10 mM SAH competitor)	1.2 ml	Water, SAH	4 to 8 °C
M.TaqI (25 μM M.TaqI)	10 μl	KCl, Tris/OAc, Mg(OAc) ₂ , KOAc, DTT, Glycerol, pH 7.9	- 20 to -18 °C
SAH Capture Compound (100 μM SAH-CC)	1.4 ml	Water, SAH-CC	- 20 to -18 °C



Note: The M.TaqI solution will not freeze due to the glycerol in the storage buffer, whereas the Capture Compound solution and SAH solution freeze and need to be completely thawed before usage. SAH solution can be warmed up (40 °C) to thaw completely. It is recommended to aliquot the Capture Compound solution upon arrival to avoid multiple freezing/thawing cycles of the stock solution.

Separate 1.5 ml 5x WB1 in a fresh 2.0 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

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Products & Services

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

For more information please visit www.caprotec.com

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