STRUCTURAL
BIOLOGY

Volume 78 (2022)

Supporting information for article:

Biochemical and structural insights into an unusual, alkali metal-independent *S*-adenosyl-L-homocysteine hydrolase from *Synechocystis* sp. PCC 6803

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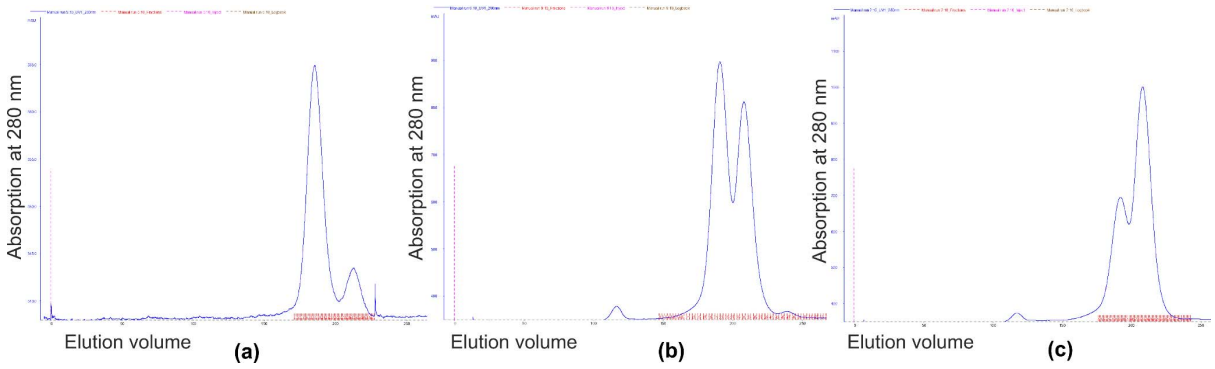

Figure S1 Size exclusion chromatograms of SynSAHase samples concentrated to (a) 15 mg/mL, (b) 10 mg/mL and (c) 5 mg/mL, show various content of tetrameric (left peak) and dimeric (right peak) forms. Chromatographic separations were monitored at 280 nm.

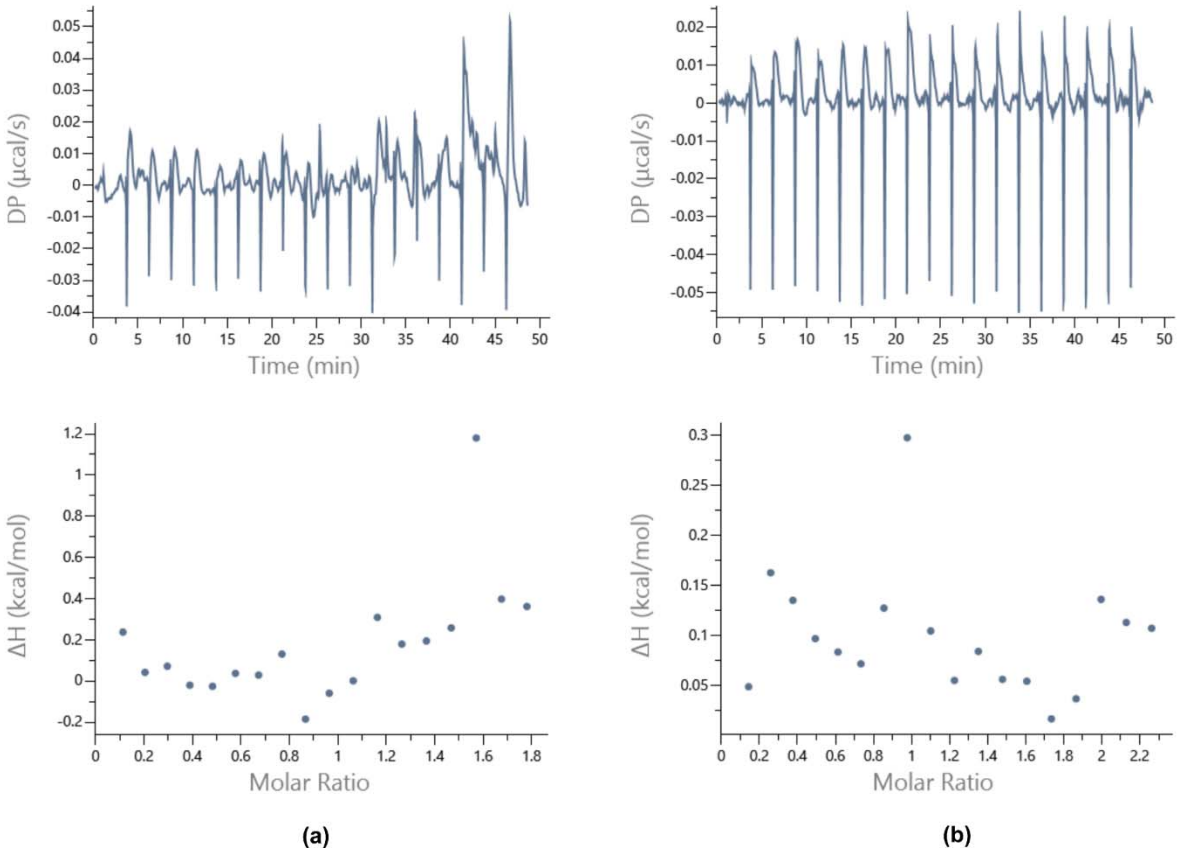

Figure S2 Calorimetric titrations of (a) 108 and (b) 85 µM SynSAHase with 1mM KCl in (a) presence of 2 molar excess or (b) absence of adenosine. The top plot of each panel represents the raw heat data obtained from consecutive injections of potassium ions into the sample cell filled with the protein solution. The heat peak areas were plotted against the molar ratio of adenosine added to the protein sample at the bottom of each panel.