Accepted Manuscript

Protein labeling strategies for liquid-state NMR spectroscopy using cell-free synthesis

Beate Hoffmann, Frank Löhr, Aisha Laguerre, Frank Bernhard, Volker Dötsch

PII: S0079-6565(17)30068-7

DOI: https://doi.org/10.1016/j.pnmrs.2017.11.004

Reference: JPNMRS 1450

To appear in: Progress in Nuclear Magnetic Resonance Spectro-

scopy

Received Date: 15 November 2017 Accepted Date: 16 November 2017



Please cite this article as: B. Hoffmann, F. Löhr, A. Laguerre, F. Bernhard, V. Dötsch, Protein labeling strategies for liquid-state NMR spectroscopy using cell-free synthesis, *Progress in Nuclear Magnetic Resonance Spectroscopy* (2017), doi: https://doi.org/10.1016/j.pnmrs.2017.11.004

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Protein labeling strategies for liquid-state NMR spectroscopy using cell-free synthesis

Beate Hoffmann^[a], Frank Löhr^[a], Aisha Laguerre^[a] Frank Bernhard^[a] and Volker Dötsch*^[a] [a] Institute of Biophysical Chemistry and Center for Biomolecular Magnetic Resonance, Goethe University, Max-von-Laue Str. 9, 60438 Frankfurt, Germany *To whom correspondence should addressed: Volker Dötsch. email: be vdoetsch@em.uni-frankfurt.de Fax: +49 (0)69 798 29632 Tel.: +49 (0)69 798 29641 Keywords: Cell-free, Isotopic scrambling, Isotopic labeling, Combinatorial selective labeling, Membrane protein Number of pages: 60 **Figures** Fig. 5: Results of the combinatorial labeling scheme. **Tables**

Download English Version:

https://daneshyari.com/en/article/7844450

Download Persian Version:

https://daneshyari.com/article/7844450

<u>Daneshyari.com</u>