Supporting Information

Cell-free Synthesis of Proteins with Selectively ^{13}C-Labelled Methyl Groups from Inexpensive Precursors

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Nucleotide sequences

pCDF CTH lac PpiB

AGATCTCGATCCCGCGAAATTAATACGACTCACTATAGGGGAATTGTGAGCGGATAACAATTCCGAGACCACA
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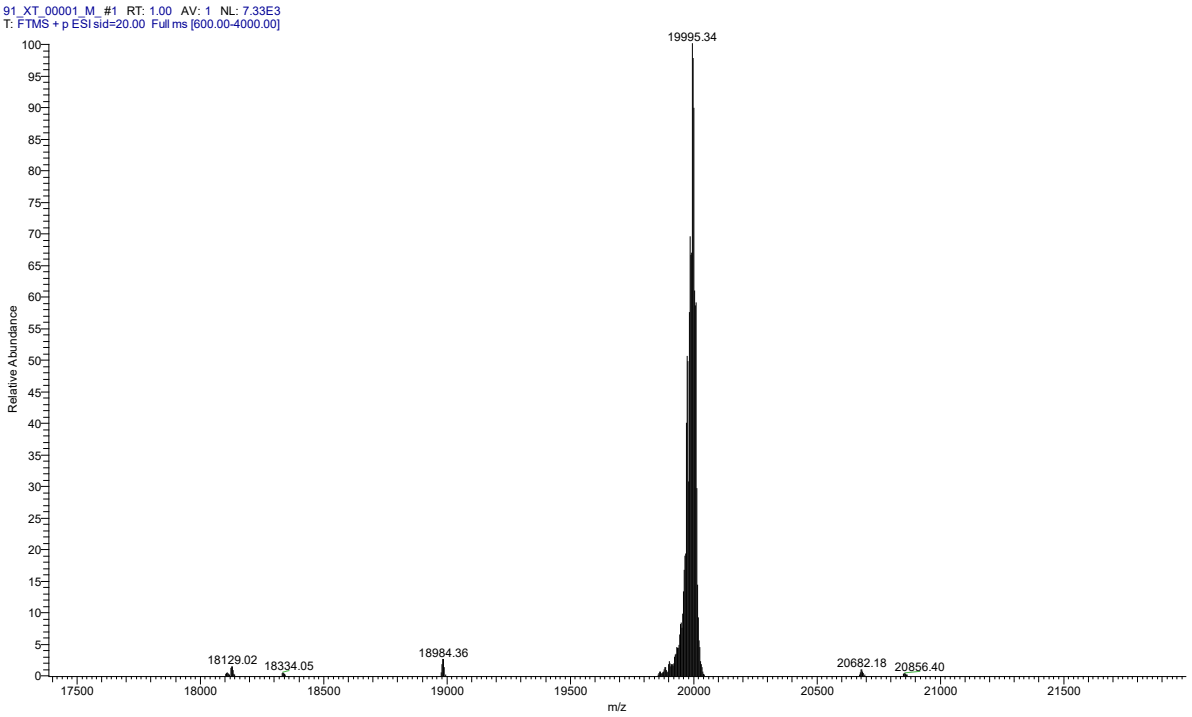

S1) High-resolution mass spectrum of deuterated CTH PpiB, the expected mass for complete deuteration is 20257 Da, with completely unlabeled PpiB being expected at 18966 Da. The mass spectrum confirms some level of deuteration is present in the protein, but as there is a large isotope spread it is difficult to determine the exact deuterium content.