Supporting Information (<u>http://pubs.acs.org</u>)

¹H-¹⁵N HSQC spectra of ¹⁵N-labeled Aβ40WT, which exhibits weak interaction with MBP, produced no appreciable shifts in residue resonances in the presence of unlabeled MBP₁₋₆₄.

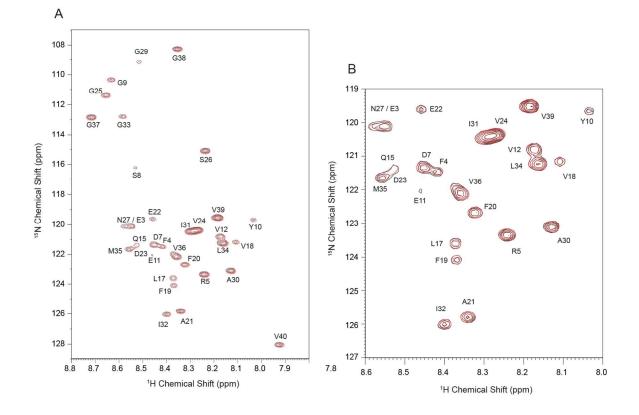


Figure S1. AB40WT does not interact with MBP₁₋₆₄. ¹H-¹⁵N HSQC spectra of ¹⁵N-labeled AB40WT with (red) and without (black) unlabeled MBP₁₋₆₄ shows no changes in the resonances of AB40WT upon addition of MBP₁₋₆₄. Panel B is an enlargement of the central portion of the full spectrum shown in panel A. Spectra were obtained in a parallel fashion to those shown for AB42WT and MBP₁₋₆₄ in Figure 3.