BioExpress® 1000
Growth, Protein Expression and Isotope-Incorporation Study

BioExpress® Growth Curves – *E. coli* BL21 with pFAF2 Plasmid (pQE Derivative; T5 Promoter)

- All cultures were inoculated with a preculture grown on the same medium at 37°C.
- Induction with 1 mM IPTG began at an OD between 0.6 and 0.8, and the temperature was decreased to 30°C for an additional four hours.
- After cultivation the cells were collected, disintegrated, and the His-tagged target protein was purified via an MC column.
- The protein was characterized by SDS page, spectroscopic determination at 280nm and MALDI.

Protein Expression and Isotope-Incorporation Data
His-Tagged Human FAF Domain, 125 Amino Acid Residues, 14257 D Molecular Weight