**Table S1**

Purification of tripolyphosphatase activity from *E. coli* soluble fraction.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Step | Fraction | Protein (mg) | Activity (50 °C)(µmol/min) | Specific activity(µmol/mg.min) | Step purification factor | Total purification factor |
| Homogenate supernatantAmmonium sulfate precipitationMonoQSephadex G200 | S1C80F1F2 | 4281634.693.09 | 77160243 | 0.180.985.17.5 | 15,455,171,47 | 15.52841 |