

Data Sheet

Plasmid #1

SKU No.: 02-2001

Description	Plasmid #1 contains the ttrNAP protein – a model DNA/RNA-binding multisubunit protein – with a C-terminal CL7 tag.
Expression	Transcription is induced with IPTG and driven by the T7 RNA polymerase. The plasmid is designed for expression in E. Coli.
Affinity Tag	The CL7 tag for purification is fused to the C-terminus of the third subunit of the ttrNAP protein.
Cleavage Site(s)	Plasmid #1 includes several PreScission protease (PSC) cleavage sites. One is at the N-terminus of the first and second ttrNAP subunits. Two more are on either side of the RpoZ component of the third subunit.
Other Tags	Plasmid #1 also contains an N-terminal maltose-binding protein (MBP) tag upstream of the PSC cleavage site before the first subunit (RpoA). Additionally, there are a thioredoxin (Trx) tag and His6 tag at the N- and C-terminus of the second subunit, respectively. There is also an N-utilization substance (NusA) tag located at the N-terminus of the third subunit.
Resistance	Kanamycin
Form	100 ng
Concentration	30 ng/μL
Stability	12 months after shipping
Storage	-20° C
Shipping	Room temperature

You can download the full protocol from <https://trialtusbioscience.com/products/#protocols>.

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Licensing Information

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