

Data Sheet

Plasmid #3

SKU No.: 02-2003

Description	Plasmid #3 serves as a template for tagging target proteins with an N-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 N-terminus of the target protein, upstream of the SUMO cleavage site.
Cleavage Site(s)	Plasmid #3 includes two protease sites: a SUMO and Sortase A (SRT) cleavage site exist between the CL7 binding site and downstream target protein.
Other Tags	The plasmid includes an N-terminal thioredoxin (Trx) tag upstream of the CL7 tag.
Resistance	Kanamycin
Form	100 ng, dissolved in water.
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>.

**For research use only.
 Not for diagnostic or therapeutic use.**

Licensing Information

TriAltus Bioscience holds the exclusive, worldwide license to the CL7 protein purification technology platform. It was licensed from the University of Alabama at Birmingham (UAB) in Birmingham, Alabama, USA. An international patent filing has been made with protection being sought in the United States, Europe, and other major markets. The CL7 purification technology is available for research use. For commercial use or resale, contact us at sales@trialtusbioscience.com to discuss commercial licensing.

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