1500 1st Ave North
Birmingham, AL 35203
1-205-453-8242
info@trialtusbioscience.com

Data Sheet

Plasmid #9

SKU No.: 20-0900

Description	TriAltus optimized Plasmid #9 for the expression of membrane proteins with C-terminal His8 and CL7 tags.
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 located at the C-terminus, downstream of a PreScission protease (PSC) cleavage site and His8 tag.
Cleavage Site(s)	Plasmid #9 includes a PSC cleavage site directly adjacent to the target protein and upstream of both the His8 and CL7 purification tags.
Other Tags	The plasmid contains a His8 tag located downstream of the target protein and cleavage tag but 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.

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