

## Data Sheet

### Plasmid #9

SKU No.: 02-2009

<b>Description</b>	TriAltus optimized Plasmid #9 for the expression of membrane proteins with C-terminal His8 and CL7 tags.
<b>Expression</b>	Transcription is induced with IPTG and driven by the T7 RNA polymerase. The plasmid is designed for expression in E. Coli.
<b>Affinity Tag</b>	The CL7 tag for purification is located at the C-terminus, downstream of a PreScission protease (PSC) cleavage site and His8 tag.
<b>Cleavage Site(s)</b>	Plasmid #9 includes a PSC cleavage site directly adjacent to the target protein and upstream of both the His8 and CL7 purification tags.
<b>Other Tags</b>	The plasmid contains a His8 tag located downstream of the target protein and cleavage tag but upstream of the CL7 tag.
<b>Resistance</b>	Kanamycin
<b>Form</b>	100 ng, dissolved in water.
<b>Concentration</b>	30 ng/μL
<b>Stability</b>	12 months after shipping
<b>Storage</b>	-20° C
<b>Shipping</b>	Room temperature

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

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