

## Data Sheet

### Plasmid #4

SKU No.: 02-2004

<b>Description</b>	Plasmid #4 serves as a control; it encodes the CL7 model (CL7M) protein, which directly binds the Im7 protein immobilized on the Im7 Resin.
<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 target protein serves as the tag and binds directly to Im7.
<b>Cleavage Site(s)</b>	A SUMO domain is fused to the C-terminus of the CL7 protein.
<b>Other Tags</b>	A Trx tag is upstream of the CL7 protein.
<b>Resistance</b>	Kanamycin
<b>Form</b>	100 ng, dissolved in water.
<b>Concentration</b>	30 ng/ $\mu$ L
<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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