sgRNA design and *in vitro* nucleolytic analysis of the Cas9-RNP complex for transgene-free genome editing of the *eIF4E1* gene from *Capsicum annuum* L.

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Supplementary Figure

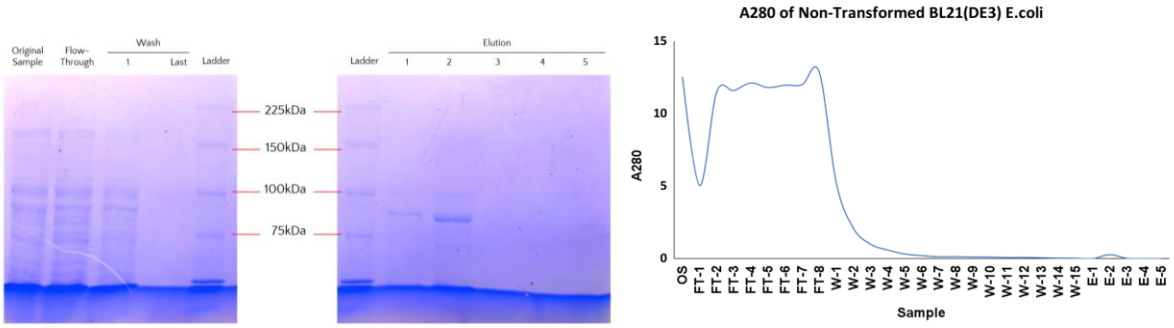

FIGURE S1 a SDS-PAGE of cytoplasmic fraction of non-transformed *E. coli* BL21(DE3) showed the presence background protein up to the second of eluted fraction (Broad range protein ladder (Thermo Fisher, USA); Separating 8%). **b** A_{280} (mg/mL) chromatogram of cytoplasmic fraction of non-transformed *E. coli* BL21(DE3) purification process confirmed the presence of background protein (OS: Original sample, FT: Flow-through, W: Wash, E: Elution)