

Materials List for:

***In vitro* Reconstitution of the Active *T. castaneum* Telomerase**

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Materials

Name	Company	Catalog Number	Comments
Rosetta(DE3)plysS Cells	Novagen, EMD Millipore	70956	
2YT Broth	TEKnova, Inc.	Y0215	
IPTG	Gold Biotechnology	I2481C	
MISONIX Sonicator 3000	Qsonica, LLC.		
ÄKTA Purifier FPLC	GE Healthcare		
Ni-NTA Superflow Resin	Qiagen	30410	
Amicon Ultra-15 Centrifugal Filter Device	EMD Millipore	UFC903008	
POROS 50 HS Strong Cation Exchange Packing	Applied Biosystems	1-3359-06	
POROS 50 HQ Strong Cation Exchange Packing	Applied Biosystems	1-2559-06	
Superdex 200 10/300 Size-Exclusion Column	GE Healthcare	17-5175-01	
Phenol: Chloroform: Isoamyl 25:24:1 with 10mM Tris, pH 8, 1mM EDTA	Sigma-Aldrich	P3803-100mL	
RNaseZap	Ambion	AM9780	
Recombinant Rnasin Ribonuclease Inhibitor	Promega Corp.	N251B	
RNeasy Mini Kit	Qiagen	74104	
DNA oligonucleotides	Integrated DNA Technologies		