

Size Exclusion Chromatography coupled to Multi Angle Light Scattering (SECMALS)

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**EXTERNAL LINK** 

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PROTOCOL STATUS

## Working

MATERIALS TEXT

To determine the oligomeric state of ZitR<sub>MG</sub>, 50 ml of fully purified protein sample at approximately 1-4 mg.ml<sup>-1</sup> were loaded on a KW-803  $column \ (Shodex) \ equilibrated \ at \ 0.5 \ ml.min^{-1} \ flow \ rate \ (Shimadzu \ HPLC \ system) \ and \ supplemented \ with \ either \ 1 \ mM \ ZnSO_4 \ or \ 1 \ mM$ EDTA (Fig. S1). Detection was performed using a MiniDAWN TREOS multi angle light scattering detector and an Optilab T-rEX differential refractometer (Wyatt Technology) (biophysics platform, LEBS/IMAGIF). Molar mass and hydrodynamic radius were calculated with the Astra 6.1.1.17 software using a differential index of refraction (dn/dc) value of 0.183 ml.g<sup>-1</sup>.

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