

## Product Data Sheet

## UltraNuclease

| Catalog #         | Source                                                                                                                    | Reactivity | Applications |
|-------------------|---------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| CZM1140           | E.coli                                                                                                                    |            |              |
| Description       | Recombinant UltraNuclease from E.coli                                                                                     |            |              |
| Specificity       | >250 U/ $\mu$ L                                                                                                           |            |              |
| Form              | Liquid                                                                                                                    |            |              |
| Alternative Names | EC 3.1.30.2; endonuclease                                                                                                 |            |              |
| CAS Number        | 9025-65-4                                                                                                                 |            |              |
| Molecular Weight  |                                                                                                                           |            |              |
| Purity            | >90%                                                                                                                      |            |              |
| Unit Definition   | One unit is defined as the amount of enzyme will equivalent to a $\Delta A_{260}$ of 1.0 in 30 minute at pH 8.0 and 37°C. |            |              |
| Storage/Stability | Shipped at 4°C. Upon delivery aliquot and store at -20°C for 1 year. Avoid freeze/thaw cycles.                            |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

## COHESION BIOSCIENCES LIMITED

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