

ODN BW001

Cat. No.:	HY-150213
CAS No.:	886862-38-0
Sequence:	DNA, d(P-thio)(T-C-G-T-C-G-G-G-T-G-C-G-A-C-G-T-C-G-C-A-G-G-G-G-G)
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

ODN BW001

BIOLOGICAL ACTIVITY

Description	ODN BW001 is an oligodeoxynucleotide (ODN). ODN BW001 plays a regulatory role in the proliferation and activation of osteoblast ^{[1][2]} .
In Vitro	ODN BW001 (1.0 µg/mL; 72 h) significantly increases the cell viability and proliferation of MG63 osteoblast-like cells ^[1] . ODN BW001 (2.0 µg/mL; 72 h) increases the protein expression of P27Kip1 and Runx2 and decreases the protein expression of cyclin D1 ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Feng Z, et al. An oligodeoxynucleotide with promising modulation activity for the proliferation and activation of osteoblast. *Int J Mol Sci.* 2011;12(4):2543-55.

Caution: Product has not been fully validated for medical applications. For research use only.

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