

## Biotin-labeled ODN 1585 sodium

<b>Cat. No.:</b>	HY-150725A
<b>Target:</b>	Toll-like Receptor (TLR)
<b>Pathway:</b>	Immunology/Inflammation
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

**Biotin-labeled ODN 1585**

### BIOLOGICAL ACTIVITY

#### Description

Biotin-labeled ODN 1585 (sodium) is a potent inducer of IFN and TNF $\alpha$  production. Biotin-labeled ODN 1585 (sodium) can be used to evaluate CpG ODN cellular uptake and localization using a biotin detection system and light microscopy.

### REFERENCES

- [1]. Blazar BR, et al. Synthetic unmethylated cytosine-phosphate-guanosine oligodeoxynucleotides are potent stimulators of antileukemia responses in naive and bone marrow transplant recipients. *Blood*. 2001 Aug 15;98(4):1217-25.
- [2]. Gramzinski RA, et al. Interleukin-12- and gamma interferon-dependent protection against malaria conferred by CpG oligodeoxynucleotide in mice. *Infect Immun*. 2001 Mar;69(3):1643-9.
- [3]. Krug A, et al. Identification of CpG oligonucleotide sequences with high induction of IFN-alpha/beta in plasmacytoid dendritic cells. *Eur J Immunol*. 2001 Jul;31(7):2154-63.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA