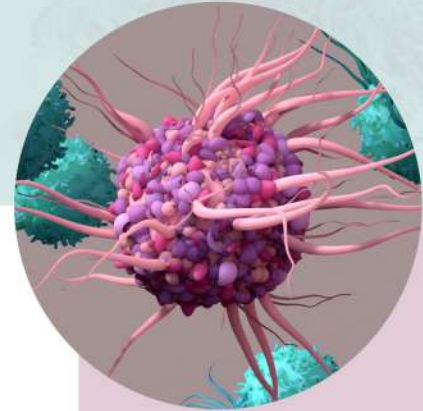


CpG ODNs



Synbio Technologies' state-of-the-art CpG ODNs service line offers advanced oligodeoxynucleotides that facilitate targeted gene regulation with precision and ease. Our experienced team of experts has developed a highly specialized manufacturing process that produces fully modified CpG ODNs with high purity and excellent stability.

We understand the importance of gene expression modulation in biological research, and our CpG ODNs are the perfect solution for your needs. These ODNs are specially designed to induce potent immune responses and elicit antiviral and antitumor effects, making them ideal candidates for use in cutting-edge research.

Our manufacturing process involves fully modifying the CpG ODNs with selective and precise chemical modifications that enhance their stability and immunostimulatory effects.

One of the many factors that set us apart from other suppliers in the industry is our unwavering commitment to delivering exceptional quality. Our CpG ODNs undergo rigorous testing processes and stringent quality control measures, ensuring that our customers only receive the highest caliber products that are efficient and dependable. At Synbio Technologies, we offer Class A, B, & and C products with three significant advantages, purity $\geq 95\%$, 1-1.5EU/mg endotoxin level, and safe, aseptic preparation, tailored for an array of species to maximize immunological benefits.

Comprehensive Solutions

- Class A CpG ODNs
- Class B CpG ODNs
- Class C CpG ODNs

Order Requirements

- CpG Type and Position
- Species Type

Service Deliverables

- Lyophilized DNA Oligo Powder
- Certificate of Analysis (COA)
- Yield: 1mg
- **TAT: 3 - 6 Business Days**

At Synbio Technologies, we offer a range of CpG ODNs that are classified into three distinct classes; Class A, B, and C. Each class boasts unique structural characteristics and immune effects suited for different applications.

Class	Name	Species	Sequence (5' → 3')	Scale
A	CpG ODN 1585	Mouse	G*G*GGTCAAC <u>CGTTGA</u> *G*G*G*G* G*G	1mg
A	CpG ODN 2216	Human	G*G*GGGACGAT <u>CGTC</u> *G*G*G*G* G*G	1mg
A	CpG ODN 2336	Human	G*G*G*GACGACGTCGIG*G*G*G* G*G*G	1mg
B	CpG ODN 1668	Mouse	T*C*C*A*T*G*A*C*G*T*T*C*C*T*G* A*T*G*C*T	1mg
B	CpG ODN 1826	Mouse	T*C*C*A*T*G*A*C*G*T*T*C*C*T*G* A*C*G*T*T	1mg
B	CpG ODN 2006/7909	Human	T*C*G*T*C*G*T*T*T*G*T*C*G*T* T*T*T*G*T*C*G*T*T	1mg
B	CpG ODN 2007	Bovine/Porcine	T*C*G*T*C*G*T*T*G*T*C*G*T*T*T* T*G*T*C*G*T *T	1mg
B	CpG ODN BW006/684	Human/Mouse	T*C*G*A*C*G*T*T*C*G*T*C*G*T*T* C*G*T*C*G*T*T*C	1mg
B	CpG ODN D-SL01	Multispecies	T*C*G*C*G*A*C*G*T* T*C*G*C*C*C*G*A*A*C*G*T*T*C*G*G *T*A	1mg
C	CpG ODN 2395	Human/Mouse	T*C*G*T*C*G*T*T*T*T*C*G*G*C*G *C*G*C*G*C*C*G	1mg
C	CpG ODN M362	Human/Mouse	T*C*G*T*C*G*T*C*G*T*T*C*G*A*A <u>*C*G*A*C*G</u> *T*T*G*A*T	1mg
C	CpG ODN D-SL03	Multispecies	T*C*G*C*G*A*A*C*G*T*T*C*G*C*C *G*C*G*T*T*C*G*A*A*C*G*C*G*G	1mg

* **Bold & Green CG/C*G** bases indicate the C bases.

* Underline indicates the CpG ODNs palindromic sequence hairpin structures.

Whether your research requires activation of plasmacytoid dendritic cells or strong immune responses in B cells, we have the right CpG ODN for you. Trust us to provide you with CpG ODNs that will help you reach your research goals.