

## MA3 aptamer sodium

**Cat. No.:** HY-160060  
**Target:** Mucin  
**Pathway:** Immunology/Inflammation  
**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.

## MA3 aptamer (sodium)

### BIOLOGICAL ACTIVITY

<b>Description</b>	MA3 aptamer sodium is an 86-base long DNA aptamer targeting the mucin MUC1. MA3 aptamer sodium binds to the peptide epitope of mucin 1 (MUC1) with a K <sub>d</sub> of 38.3 nM and has minimal cross-reactivity with albumin <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	MUC1 <sup>[1]</sup>

### REFERENCES

[1]. Hu Y, Duan J, Zhan Q, Wang F, Lu X, Yang XD. Novel MUC1 aptamer selectively delivers cytotoxic agent to cancer cells in vitro. PLoS One. 2012;7(2):e31970.

**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

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