

HSV-60mer sodium

Cat. No.:	HY-160222
Target:	HSV; STING
Pathway:	Anti-infection; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

HSV-60mer (sodium)

BIOLOGICAL ACTIVITY

Description

HSV-60mer sodium is a 60 bp double-stranded oligonucleotide containing viral DNA motifs that derive from the herpes simplex virus 1 (HSV-1) genome^[1]. Transfected HSV-60 has been shown to potently induce IFN- β in a Toll-like receptor (TLR)-, DNA-dependent activator of IRFs (DAI)-, and RNA polymerase III (Pol III)-independent, but STING-, TBK1- and IFN regulatory factor 3 (IRF3)-dependent manner.

REFERENCES

[1]. Unterholzner L, Keating SE, Baran M, et al. IFI16 is an innate immune sensor for intracellular DNA. *Nat Immunol.* 2010;11(11):997-1004.

[2]. Zhang Z, Yuan B, Bao M, Lu N, Kim T, Liu YJ. The helicase DDX41 senses intracellular DNA mediated by the adaptor STING in dendritic cells [published correction appears in *Nat Immunol.* 2012 Feb;13(2):196]. *Nat Immunol.* 2011;12(10):959-965.

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

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