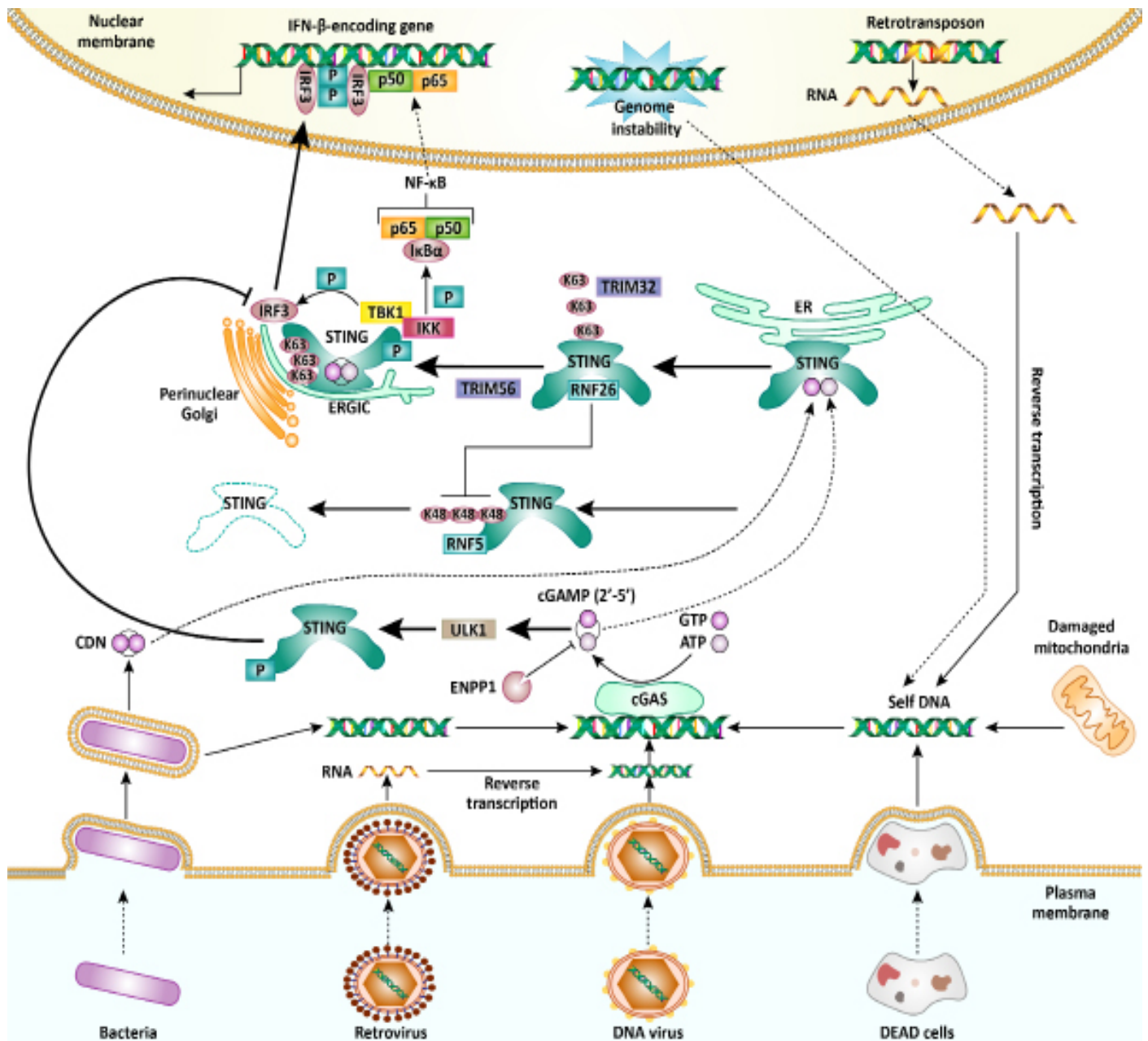


STING Signaling Pathway

Stimulator of interferon genes (STING) is a cytosolic receptor that senses both exogenous and endogenous cytosolic cyclic dinucleotides (CDNs), activating TBK1/IRF3 (interferon regulatory factor 3), NF- κ B (nuclear factor κ B), and STAT6 (signal transducer and activator of transcription 6) signaling pathways to induce robust type I interferon and proinflammatory cytokine responses. STING is known to be a central mediator of innate immunity. When stimulated, STING induces the expression of type I interferon, cytokines and T cell recruitment factors that result in the activation of macrophages and dendritic cells, innate effector cells such as natural killer (NK) cells, and priming of tumor-specific T cells. The development of compounds that modulate STING has recently been the focus of intense research for the treatment of cancer and infectious diseases and as vaccine adjuvants.

BioVision is proud to offer several STING agonists and antagonists for research.



STING Agonists

Product Name	Cat. No.	Size	CAS No.
cGAMP disodium salt	2435	100 µg	849214-04-6
CMA	B2397	5 mg, 25 mg	38609-97-1
Cyclic-di-GMP	B2045	250 µg, 1 mg	61093-23-0
DMXAA	2804	5 mg, 25 mg	117570-53-3
DSDP	B2416	5 mg, 25 mg	N/A
STING Agonist C11	B2398	1 mg, 5 mg	875863-22-2
STING AGONIST G10	B2047	5 mg, 25 mg	702662-50-8

STING Agonists

Product Name	Cat. No.	Size	CAS No.
STING Antagonist, C-178	B2396	5 mg, 25 mg	329198-87-0
STING Antagonist, H-151	B2395	5 mg, 25 mg	941987-60-6
STING Inhibitor, C-176	B2341	5 mg, 25 mg	314054-00-7

Please visit www.BioVision.com for a comprehensive overview on our products!