

Recombinant Human STING1 H232 variant Protein, His-tagged

Cat. No. STING1-137H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant N-terminal His-tagged STING H232 variant catalytic domain H232 variant (138-379) was purified from E. coli.
Species	Human
Source	E.coli
ProteinLength	138-379
Description	This gene encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects cytosolic nucleic acids and transmits signals that activate type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants.
Molecular Mass	28.8 kDa
Purity	≥70% estimated by SDS-PAGE
Stability	≥ 2 years
Storage	At -80 centigrade.

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Storage Buffer 50 mM HEPES, pH 8.0, 150 mM sodium chloride, 10% glycerol

GENE INFORMATION

Gene Name STING1 stimulator of interferon response cGAMP interactor 1 [Homo sapiens (human)]

Official Symbol STING1

Synonyms STING1; stimulator of interferon response cGAMP interactor 1; ERIS; MITA; MPYS; SAVI; NET23; STING; hMITA; hSTING; TMEM173; STING-beta; stimulator of interferon genes protein; N-terminal methionine-proline-tyrosine-serine plasma membrane tetraspanner; endoplasmic reticulum IFN stimulator; endoplasmic reticulum interferon stimulator; mitochondrial mediator of IRF3 activation; stimulator of interferon protein; transmembrane protein 173

Gene ID 340061

mRNA Refseq NM_198282

Protein Refseq NP_938023

MIM 612374

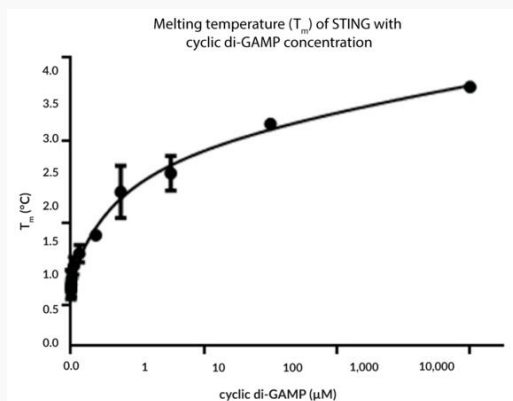
UniProt ID Q86WV6

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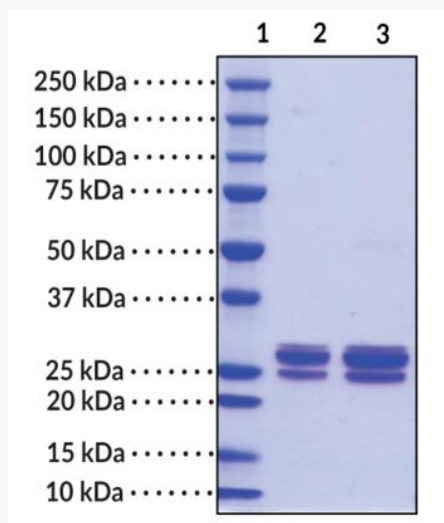
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Binding Activity of STING H232 variant



SDS-PAGE analysis of STING H232 variant



Lane 1: MW Ladder

Lane 2: STING H232 variant (2 μg)

Lane 3: STING H232 variant (4 μg)