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32-9542: Recombinant Human Stimulator of Interferon Genes Protein/Sting (N-Sumo-6His)

Alternative Name : Stimulator of interferon genes protein;TMEM173;Mediator of IRF3 activation;sting;

Description

Source : E. coli;
Stimulator of Interferon Gene(Sting,TMEM173) belongs to the TMEM173 family. STING is 379 amino acids (aa) in length. It contains an N-terminal cytoplasmic region (aa 1-20), four transmembrane segments (aa 21-173), and a C-terminal cytoplasmic domain (aa 174-379). It ubiquitously expressed in skin endothelial cells, alveolar type 2 pneumocytes, bronchial epithelium and alveolar macrophagesand. Its subunit structure associated with the MHC-II complex and Interacts with DDX58/RIG-I, MAVS and SSR2, RNF5 and TRIM56 along with TBK1. This type of protein often uses as facilitator of innate immune signaling that acts as a sensor of cytosolic DNA from bacteria and viruses and promotes the production of type I interferon.

Product Info

Amount : 500 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of PBS, pH7.4.

Amino Acid : Recombinant Human Stimulator of Interferon Genes Protein is produced by our E.coli expression system and the target gene encoding Val155-Val341 is expressed with a 6His, Sumo tag at the N-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.