

Recombinant mouse STING1 protein, N-His

Catalog Number: bs-42094P

Concentration: >0.5mg/ml

Species: Mouse

AA Seq: 215-378/378

Predicted MW: 24.4

Tags: N-His

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: 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. [provided by RefSeq, Sep 2014]

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.7] Zhixiong Zhang, et al. Discovery of STING antagonists Targeting cGAS-STING Pathway to Alleviate IMQ-induced Psoriasis-like Dermatitis. EUR J PHARM SCI. 2025 Mar;;107091 ; . 40174660