Recombinant Human STING1 Protein

Catalog No.: RP03542LQ

Sequence Information

Species

Gene ID
340061

Swiss Prot
Q86WV6

Tags
C-His-TEV

Synonyms
STING; hMITA; hSTING; TMEM173; STING-beta

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MWObserved MW
28kDa

Endotoxin
Please contact us for more information.

Formulation
Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol.

Reconstitution
Please use running water to thaw it quickly.

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.

Basic Information

Description
Recombinant Human STING1 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Glu149-Ser379) of human STING1 (Accession #NP_938023.1) fused with His and TEV tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

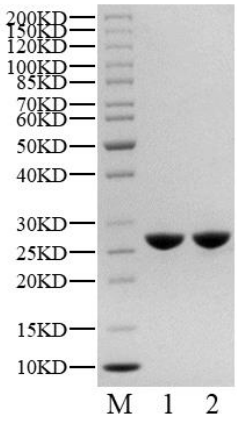
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human STING1 was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.

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