

PRODUCT INFORMATION

Tag C-Flag&Strep Tag

Target STING1

Synonyms ERIS; hMITA; hSTING; MITA; MPYS; NET23; SAVI;

STING; STING-beta; TMEM173

DescriptionHuman STING1-Strep full length protein-synthetic

nanodisc

Delivery6~8weeksUniprot IDQ86WV6Expression HostHEK293

Protein Families Transmembrane

Protein Pathways Cytosolic DNA-sensing pathway, RIG-I-like

receptor signaling pathway

Molecular Weight

The human full length STING1-Strep protein has a

MW of 42.2 kDa

Formulation & Reconstitution

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 biotecompatibility something. Mutations 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.

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Usage Research use only
Conjugate Unconjugated

Background



