

Human STING1 Full-Length Bioactive Membrane Protein

HDFP021



Product Information

Product SKU:

HDFP021

Size:

10µg

Molecular Weight:

The human full length STING1 protein has a MW of 42.2 kDa

Expression System:

HEK293

Uniprot:

Q86WV6

Target:

STING1

Antibody Information

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]

Description:

Human STING1 full length protein-synthetic nanodisc

Protein Pathways:

Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway

Synonyms:

ERIS; hMITA; hSTING; MITA; MPYS; NET23; SAVI; STING; STING-beta; TMEM173

Storage:

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). Lyophilized proteins are shipped at ambient temperature.

Usage:

Research use only

Form:

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.

Contact Details | Dublin, Ireland

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