

[Go to Product page](#)

Datasheet for ABIN7092708

**STING/TMEM173 Protein (Fc Tag)**

## Overview

Quantity:	100 µg
Target:	STING/TMEM173 (TMEM173)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STING/TMEM173 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant human TMEM173 protein with N-terminal Human Fc tag
Specificity:	HFc (Glu99-Ala330) TMEM173 (Leu139-Ser379)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	STING/TMEM173 (TMEM173)
Alternative Name:	TMEM173 ( <a href="#">TMEM173 Products</a> )
Background:	Synonymes: ERIS, hMITA, hSTING, MITA, MPYS, NET23, SAVI, STING, STING-beta, TMEM173 Description: 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

## Target Details

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.

Molecular Weight: predicted molecular mass of 53.2 kDa after removal of the signal peptide.

Gene ID: 340061

UniProt: [Q86WV6](#)

Pathways: [Activation of Innate immune Response](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months