

Datasheet for ABIN7092708

**STING/TMEM173 Protein (Fc Tag)**[Go to Product page](#)**1** Image

## 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:	Purified from cell culture supernatant by affinity chromatography
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:	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

## Target Details

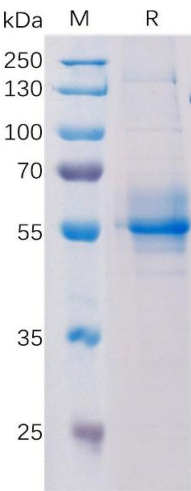
	type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants.
Molecular Weight:	predicted molecular mass of 53.2 kDa after removal of the signal peptide.
Gene ID:	340061
UniProt:	<a href="#">Q86WV6</a>
Pathways:	<a href="#">Activation of Innate immune Response</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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



SDS-PAGE

**Image 1.** Human T Protein, hFc Tag on SDS-PAGE under reducing condition.