Datasheet for ABIN7319452

STING/TMEM173 Protein (SUMO Tag,His tag)

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Overview

Quantity:	50 µg
Target:	STING/TMEM173 (TMEM173)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This STING/TMEM173 protein is labelled with SUMO Tag,His tag.

Product Details

Purpose:	Recombinant Human STING/TMEM173 Protein (Sumo & His Tag)
Sequence:	Val155-Val341
Characteristics:	Recombinant Human STING is produced by our E.coli expression system and the target gene encoding Val155-Val341 is expressed with a 6His, Sumo tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	STING/TMEM173 (TMEM173)
Alternative Name:	STING/TMEM173 (TMEM173 Products)
Background:	Background: Stimulator of Interferon Gene(Sting,TMEM173) belongs to the TMEM173 family. STING is 379 amino acids (aa) in length. It contains an N-terminal cytoplasmic region (aa 1-20), four transmembrane segments (aa 21-173), and a C-terminal cytoplasmic domain (aa 174-

Target Details

	379). It ubiquitously expressed in skin endothelial cells, alveolar type 2 pneumocytes, bronchial epithelium and alveolar macrophagesand. Its subunit structure associated with the MHC-II complex and Interacts with DDX58/RIG-I, MAVS and SSR2, RNF5 and TRIM56 along with TBK1. This type of protein often uses as facilitator of innate immune signaling that acts as a sensor of cytosolic DNA from bacteria and viruses and promotes the production of type I interferon. Synonym: Stimulator of interferon genes protein,TMEM173,Mediator of IRF3 activation,sting,
Molecular Weight:	33.8 kDa
UniProt:	Q86WV6
Pathways:	Activation of Innate immune Response

Application Details

Restrictions:	For Research Use only

Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

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