

**PRODUCT INFORMATION**

<b>Tag</b>	N-His, C-strep
<b>Target</b>	STING1
<b>Synonyms</b>	ERIS; hMITA; hSTING; MITA; MPYS; NET23; SAVI; STING; STING-beta; TMEM173
<b>Description</b>	Human STING1 full length protein-Detergent
<b>Delivery</b>	1 week
<b>Uniprot ID</b>	Q86WV6
<b>Expression Host</b>	E.coli
<b>Protein Families</b>	Transmembrane
<b>Protein Pathways</b>	Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway
<b>Molecular Weight</b>	The human STING1 full length protein has a MW of 44.4kDa
<b>Formulation &amp; Reconstitution</b>	Liquid, 20mMTris-HCl, 150mMNaCl, 0.05%Brij35, pH8.0
<b>Storage&amp;Shipping</b>	Store at -80°C, Ship on dry ice.
<b>Background</b>	<p>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.</p>
<b>Purity</b>	>80%
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

