

PRODUCT INFORMATION

Tag	N-His, C-Single Strep Tag
Expression Host	E.coli
Target	STING1
Description	Human STING1 cell-free full length protein-Detergent
Synonyms	ERIS; hMITA; hSTING; MITA; MPYS; NET23; SAVI; STING; STING-beta; TMEM173
Uniprot ID	Q86WV6
Protein Families	Transmembrane
Protein Pathways	Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway
Molecular Weight	The human STING1 cell-free full length protein-Detergent has a MW of 44.4kDa
Delivery	1 week
Formulation & Reconstitution	Liquid, 20mMTris-HCl, 150mMNaCl, 0.05%Brij35, pH8.0
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Storage&Shipping	Store at -80°C, Ship on dry ice.
Purity	>80%
Background	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.
Usage	Research use only
Conjugate	Unconjugated





Figure 1. Human STING1 cell-free-Detergent, N-His, C-Single Strep Tag on SDS-PAGE.

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