

Catalog No.: RP03542LQ **Recombinant**

Species	Gene ID	Swiss Prot
	340061	O86WV6

C-His-TFV

STING; hMITA; hSTING; TMEM173; STING-beta

Source	Purification
E. coli	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
28kDa	

Please contact us for more information.

Supplied as sterile 25 mM HEPES pH 7.5, 150 mM NaCl.

Please use running water to thaw it quickly.

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 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.

Recombinant Human STING1 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Glu149-Ser379) of human STING1 (Accession #NP_938023.1) fused with His and TEV tag at the C-terminus.

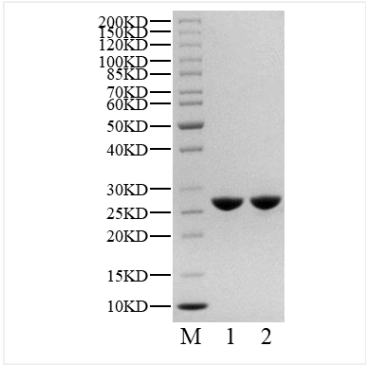
Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

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Validation Data



Recombinant Human STING1 was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.