Recombinant Full Length Shigella Dysenteriae Serotype 1 Cellulose Synthesis Regulatory Protein(Sdy_1050) Protein, His-Tagged

Cat. No. RFL19905SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Shigella dysenteriae serotype 1 Cellulose synthesis regulatory protein(SDY_1050) Protein (Q32HJ0) (1-564aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Shigella Dysenteriae Serotype 1
Source	E.coli
ProteinLength	Full Length (1-564)
Form	Lyophilized powder
AA Sequence	MQHETKMENQSWLKKLARRLGPGHIVNLCFIVVLLFSTLLTWREVVVLEDAYISSQR NHL ENVANALDKHLQYNVDKLIFLRNGMREALIAPLDFTSLRDAVTEFEQHRDEHA WQIELNR RRTLPVNGVSDALVSEGNLLSRENESLDNEITAALEVGYLLRLAHNSSSM VEQAMYVSRA GFYVSTQPTLFTRNVPTRYYGYVTQPWFIGHSQRENRHRAVRWFT SQPEHASNTEPQVTV SVPVDSNNYWYGVLGMSIPVRTMQQFLRNAIDKNLDGEYQ LYDSKLRFLTSSNPDHPTGN IFDPRELAFLAQAMEHDTRGGIRMDSRYVSWERLDH FDGVLVRVHTLSEGVRGDFGSISI ALTLLWALFTTMLLISWYVIRRMVSNMYVLQSSL QWQAWHDTLTRLYNRGALFEKARPLA KLCQTHQHPFSVIQVDLDHFKAINDRFGH QAGDRVLSHAAGLISSSLRAQDVAGRVGGEE FCVILPGASLTEAAEVAERIRLKLNE KEMLIAKSTTIRISASLGVSSSEETGDYDFEQLQ SLADRRLYLAKQAGRNRVFASDN

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	dgcQ
Synonyms	dgcQ; yedQ; SDY_1050; Probable diguanylate cyclase DgcQ; DGC; Cellulose synthesis regulatory protein
UniProt ID	Q32HJ0

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