

Recombinant Full Length Schizosaccharomyces Pombe Mitochondrial Respiratory Chain Complexes Assembly Protein Rca1(Spbc543.09) Protein, His-Tagged

Cat. No. RFL1808SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Schizosaccharomyces pombe Mitochondrial respiratory chain complexes assembly protein rca1(SPBC543.09) Protein (Q9HGM3) (1-773aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Schizosaccharomyces pombe
Source	E.coli
ProteinLength	Full Length (1-773)
Form	Lyophilized powder
AA Sequence	MRNPFLTFRAPTRKTGDYLVSKFVKKDNFSSLRLARAYTFSTRSTAVSQFSLLSLSQ RSF QSLKINKGIPEKHKIPLISSKQFSVTSKRSQNGSSGSNSDANGRKNGQKNDD KKKGLNG NDPKKVFEIALNGNTILGGILVAYILYNVLSPNANMQEITWQDFRQQFLDK GLVERLVVV NRNMVRVILRGGVASGSGQYYFSIGSIDSFDRKLEDAQRQLGIPPSEF VPVAYHDEVSVL ATLLSFAPTELLIGSVIYLSRRASGAAGGGQGGIFGIGKSRKMFN HETDIKIKFADVAG VDEAKEEIMEFVKFLKNPKFYERLGAKIPRGAILSGPPGTGKTLL AKATAGEANVPFLSV SGSEFLEMFVGVGPSRVRLDFATARKNAPCIIFIDEIDAIGKA RGRGGQFGSNDERESTL NQLLVEMDGFTSSEHIVVFAGTNRPDVLDPALLRPGRF DRQITIDRPDIGGREQIFKVHL KHIKAADNIDLIARKLAVLTSGFTGADIMNVCNEGALI AARSNSNEVQMVHFEQAIERTV AGLEKKSRVLSPEEKNTVAHHEAGHAVAGWFME

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YVDPLLKVSIIIPRAQALGYASYLPKDQ YLMSRGQILDQMGMALAGRVSEEIFFGPEKI
 TSGASDDDFQKVTRMAQAYVTQYGMSPVTG TIAYPIDTRETQKPFSEATAQMIDEEI
 RKLVKHAYERTKKLLLEHKQGLENIAQRLLQK EVITYNEVETILGPRPYAYKHLNISEL
 MRQSEYKNDHDPNPPIPPSPQQPSA

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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name yta12

Synonyms yta12; SPBC543.09; Mitochondrial respiratory chain complexes assembly protein rca1

UniProt ID [Q9HGM3](#)

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