



Recombinant Schizosaccharomyces pombe NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial (SPBC18E5.10)

Product Code	CSB-MP529684SXV
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O94500
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	VGSKA GYRMFPNLIE KRIRRIDDAL ADGEYENLSE ILKYDPLNII ELVQESELRG RGRYGFPTGE KMLS LYKATS SERGRKEKPV VIVNAAENDI GSFKDRLLLR HEPHKIIEGA IIAARAVEAS ACYLFIRKDY YEETVMMQKC IIQAYAKKLL GKNLLGTSIG LELLIHPGAG SYITGEESAL IQSLQGEFPV PDIPINNTIT SGLFGLPTLV LNVETVSNLP AIIKKGPKFF ISMGRPNNRG TKLFSISGEV NEPNVIEACM SIPLKD LIEN YAGGVRGGWN KLVGIFPGGP CSGILNKNQC EQVTMDFDSL KALDSSLGTG SVIVLNDHDQ IFESLLNFAK FYSTNTCHTC PVC RDGVEDV IETL KGLKDG HAHLSQLKDM FSKFNMPSSS KVFCGFGDSM RHQIHSIQRN FPDQITFRTK VT
Source	Mammalian cell
Target Names	SPBC18E5.10
Protein Names	Recommended name: NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial EC= 1.6.5.3 EC= 1.6.99.3 Alternative name(s): Complex I-51kD Short name= CI-51kD
Expression Region	26-452
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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