



Recombinant *Saccharomyces cerevisiae* Fumarate reductase (YEL047C)

Product Code	CSB-BP341342SVG
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.	P32614
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSLSPVVVIG TGLAGLAAAN ELVNKYNIPV TILEKASSIG GNSIKASSGI NGACTETQRH FHIEDSPRLF EDDTIKSAKG KGVQELMAKL ANDSPLAIEW LKNEFDLKD LLAQLGGHSV ARTHRSSGKL PPGFEIVSAL SNNLKKLAET KPELVKINLD SKVVDIHEKD GSISAVVYED KNGEKHMVSA NDVVFCSSGF GFSKEMLKEY APELVNLPTT NGQQTTGDGQ RLLQKLGADL IDMDQIQVHP TGFIDPNDRS SSWKFLAAES LRGLGGILLN PITGRRFVNE LTTRDVVTA IQKVCPQEDN RALLVMGEKM YTDLKNLDF YMFKKLVQKL TLSQVVSEYN LPITVAQLCE ELQTYSSFTT KADPLGRTVI LNEFGSDVTP ETVVFIGEVT PVVHFTMGGA RINVKAQVIG KNDERLLKGL YAAGEVSSGV HGANRLGGSS LLECVMFGRT AAESIANDRK
Source	Baculovirus
Target Names	FRD1
Protein Names	Recommended name: Fumarate reductase Alternative name(s): FAD-dependent oxidoreductase FRDS NADH EC= 1.3.1.6 NADH-dependent fumarate reductase
Expression Region	1-470
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 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. 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.