



# Recombinant *Saccharomyces cerevisiae* Fumarate reductase (YEL047C)

<b>Product Code</b>	CSB-EP341342SVG
<b>Storage</b>	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.
<b>Uniprot No.</b>	P32614
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSLSPVVVIG TGLAGLAAAN ELVNKYNIPV TILEKASSIG GNSIKASSGI NGACTETQRH FHIEDSPRLF EDDTIKSAKG KGVQELMAKL ANDSPLAIEW LKNEFDLKD LLAQLGGHSV ARTHRSSGKL PPGFEIVSAL SNNLKKLAET KPELVKINLD SKVVDIHEKD GSISAVVYED KNGEKHMVSA NDVVFCSSGF GFSKEMKEY 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
<b>Source</b>	E.coli
<b>Target Names</b>	FRD1
<b>Protein Names</b>	Recommended name: Fumarate reductase Alternative name(s): FAD-dependent oxidoreductase FRDS NADH EC= 1.3.1.6 NADH-dependent fumarate reductase
<b>Expression Region</b>	1-470
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.