



# Recombinant Escherichia coli Fumarate reductase flavoprotein subunit (frdA)

<b>Product Code</b>	CSB-EP360532ENV-B
<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>	P00363
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QTFQADLAI VGAGGAGLRA AIAAAQANPN AKIALISKVY PMRSHTVAEE GGSAAVAQDH DSFEYHFHDT VAGGDWLCEQ DVVDYFVHHC PTEMTQLELW GCPWSRRPDG SVNVRFFGGM KIERTWFAAD KTGFHMLHTL FQTSLQFPQI QRFDEHFVLD ILVDDGHVVRG LVAMNMMEGT LVQIRANAVV MATGGAGRVY RYNTNGGIVT GDGMGMALSH GVPLRDMEFV QYHPTGLPGS GILMTEGCRG EGGILVNKNG YRYLQDYGMG PETPLGEPKN KYMELGPRDK VSQAFWHEWR KGNTISTPRG DVVYLDLRHL GEKKLHERLP FICELAKAYV GVDPVKEPIP VRPTAHYTMG GIETDQNCET RIKGLFAVGE CSSVGLHGAN RLGSNLAEL VVFGRLAGEQ ATERAATAGN GNEAAIEAQA AGVEQRLKDL VNQDGGENWA KIRDEMGLAM EEGCGIYRTP ELMQKTIDKL AELQERFKRV RITDTSSVFN TDLLYTIELG HGLNVAECMA HSAMARKESR GAHQRLDEGC TERDDVNFLK HTLAFRDADG TTRLEYSVVK ITTLPPAKRV YGGEADAADK AEAANKKEKA NG
<b>Source</b>	E.coli
<b>Target Names</b>	frdA
<b>Protein Names</b>	Recommended name: Fumarate reductase flavoprotein subunit EC= 1.3.99.1
<b>Expression Region</b>	2-602
<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 of Mature 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.



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