



# Recombinant Escherichia coli Ribonucleoside-diphosphate reductase 2 subunit alpha (nrdE)

<b>Product Code</b>	CSB-EP340100ENV-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>	P39452
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>ATTTAECLT QETMDYHALN AMLNLYDSAG RIQFDKDRQA VDAFIATHVR  PNSVTFSSQQ QRLNWL VNEG YYDESVLNRY SRDFVITLFT HAHTSGFRFQ  TFLGAWKFYT SYTLKTFDGK RYLEDFA DRV TMVALTLAQQ DETLALQLTD  EMLSGRFQPA TPTFLNCGKQ QRGELVSCFL LRIEDNMESI GRAVNSALQL  SKRGGGVAFL LSNLREAGAP IKRIENQSSG VIPVMKMLED AFSYANQLGA  RQGAGAVYLH AHHPDILRFL DTKRENADEK IRIKTL SLGV VIPDITFH LA  KENAQMALFS PYDVERVY GK PFADVAISQH YDELVADERI RKKYLNARDF  FQRLAEIQFE SGYPYIMYED TVNRRANPIAG RINMSNLCSE ILQVNSASEY  DENLDYTRTG HDISCNLGSL NIAHTMDSPD FARTVETAVR GLTAVSDMSH  IRSVPSIEAG NAASHAIGLG QMNLHG YLAR EGIAYGSPEA LDFTNLYFYA  ITWHALRTSM LLARERGETF AGFKQSRYS GEYFSQYLQG NWQPKTAKVG  ELFTRSGITL PTREMWAQLR DDVMRYGIYN QNLQAVPPTG SISYINHATS  SIHPIVAKVE IRKEGKTGRV YYPAPFMTNE NLALYQDAYE IGAEKIIDTY  AEATRHVDQG LSLTLFFPDT ATTRDINKAQ IYAWRKG IKT LYYIRLRQMA  LEGTEIEGCV SCAL</p>
<b>Source</b>	E.coli
<b>Target Names</b>	nrdE
<b>Protein Names</b>	Recommended name: Ribonucleoside-diphosphate reductase 2 subunit alpha EC= 1.17.4.1 Alternative name(s): R1E protein Ribonucleotide reductase 2
<b>Expression Region</b>	2-714
<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.

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