



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

Product Code	CSB-EP340100ENV
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.	P39452
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	<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 TVN RANPIAG RINMSNLCSE ILQVNSASEY DENLDYTRTG HDISCNLGSL NIAHTMDSPD FARTVETAVR GLTAVSDMSH IRSVPSIEAG NAASHAIGLG QMNLHG YLAR EGIAYGSPEA LDFTNLYFYA ITWHALRTSM LLARERGETF AGFKQSR YAS GEYFSQYLQG NWQPKTAKVG ELFTRSGITL PTREMWAQLR DDVMRYGIYN QNLQAVPPTG SISYINHATS SIHPIVAKVE IRKEGKTGRV YYPAPFMTNE NLALYQDAYE IGAEKIIDTY AEATRHVDQG LSLTLFFPDT ATTRDINKAQ IYAWRKG IKT LYYIRLRQMA LEGTEIEGCV SCAL</p>
Source	E.coli
Target Names	nrdE
Protein Names	Recommended name: Ribonucleoside-diphosphate reductase 2 subunit alpha EC= 1.17.4.1 Alternative name(s): R1E protein Ribonucleotide reductase 2
Expression Region	2-714
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

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