

Recombinant Escherichia coli NRDD Protein (1-712 aa), His-tagged

Cat. No. NRDD-1287E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) NRDD Protein (1-712 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-712 aa
Form	Tris-based buffer,50% glycerol
Molecular Mass	84.0 kDa
AA Sequence	MTPHVMKRDGCKVPFKSERIKEAILRAAKAAEVDDADYCATVAAVVSEQMQGRNQV DINEIQTAVENQLMSGPYKQLARAYIEYRHDRDIEREKGRNLNQEIRGLVEQTNASLL NENANKDSKVIPTQRDLLAGIVAKHYARQHLLPRDVVQAHERGDIHYHDLDYSPFFP MFNCMLIDLKGMTQGFKMGNAEIEPPKSISTATAVTAQIIAQVASHIYGGTTINRIDE VLAPFVTASYNKHKRTAEAWNIPDAEGYANSRTIKECYDAFQSLEYEVNTLHTANGQ TPFVTFGFGLGTSWESRLIQESILRNRIAGLGKNRKTAVFPKLVFAIRDGLNHHKKGDP NYDIKQLALECASKRMYPDILNYDQVVKVTGSFKTPMGCRSFLGVWENENGEQIHD GRNNLGVISLNLPRIALEAKGDEATFWKLLDERLVLARKALMTRIARLEGVKARVAPIL YMEGACGVRLNADDDVSEIFKNRASISLGYIGIHETINALFGGEHVVDNEQLRAKGI AIVERLRQAVDQWKEETGYGFSLYSTPSENLCDFRCRLDTAEFGVVPGVTDKGYTT

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NSFHLDVEKKVNPYDKIDFEAPYPPLANGGFICYGEYPNIQHNLKALEDVWDYSYQH
VPYYGTNTPIDECYECGFTGEFECTSKGFTCPKCGNHIDASRVSVTRRVCGYLGSPD
ARPFNAGKQEEVKRRVKHLGNGQIG

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [nrdD anaerobic ribonucleoside-triphosphate reductase \[Escherichia coli str. K-12 substr. MG1655 \]](#)

Official Symbol [NRDD](#)

Synonyms ECK4233;

Gene ID [948755](#)

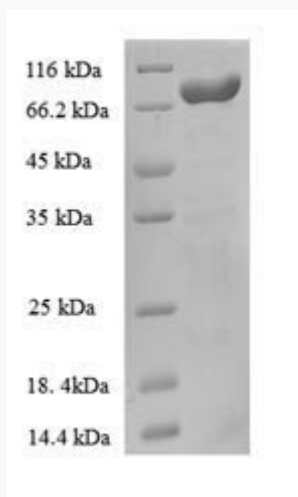
Protein Refseq [NP_418659](#)

UniProt ID [P28903](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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