

Recombinant Escherichia coli NRDB Protein (2-376 aa), His-SUMO-tagged

Cat. No. NRDB-861E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) NRDB Protein (2-376 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	E.coli
Source	E.coli
ProteinLength	2-376 aa
Description	Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. R2 contains the tyrosyl radical required for catalysis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	59.4 kDa
AA Sequence	AYTTFSTKNDQLKEPMFFGQPVNVARYDQQKYDIFEKLIKQLSFFWRPEEVDVS RDRIDYQALPEHEKHIFISNLKYQTLSDSIQGRSPNVALLPLISPELETWVETWAFSET IHSRSYTHIIRNIVNDPSVVFDDIVTNEQIQKRAEGISSYYDELIEMTSYWHLLGEGTHT VNGKTVTVSLRELKKKLYLCLMSVNALEAIRFYVSFACSFAPAERELMEGNAKIIRLIA RDEALHLTGTQHMLNLLRSGADDPMAEIAEECKQECYDLFVQAAQQEKDWADYL FRDGSIMIGLNKDILCQYVEYITNIRMQAVGLDLPFQTRSNPIPWINTWLVSNDNVQVAP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QEVEVSSYLVGQIDSEVDTDDLSNFQL

Purity > 90% as determined by SDS-PAGE.

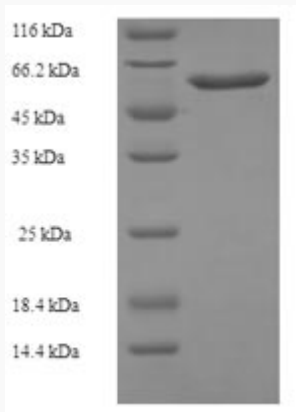
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [P69924](#)



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

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