

Recombinant Human DNA2 protein, His-tagged

Cat. No. DNA2-12048H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNA2 protein(1-350 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MEQLNELELLMEKSFWEAEALPAELFQKKVVASFPRTLSTGMDNRYLVLAVENTVQ NKEGNCEKRLVITASQSLENKELCILRNDWCSPVEPGDIIHLEGDCTSDTWIIDKDF GYLILYPDMLISGTSIASSIRCMRRAVLSETRSSDPATRQMLIGTVLHEVFQKAINNS FAPEKLQELAFQTIQEIRHLKEMYRLNLSQDEIKQEVEDYLPSFCKWAGDFMHKNTS TDFPQMQLSLPSDNSKDNSTCNIEVVKPMDIEESIWSRFGKLGKIDVTGVGKIHRG YKTKYKIMPLELKTGKESNSIEHRSQVVLYTLLSQERRADPEAGLLLYLKTGQMYPVP ANHLD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 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

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [DNA2 DNA replication helicase 2 homolog \(yeast\) \[Homo sapiens \]](#)

Official Symbol [DNA2](#)

Synonyms DNA2; DNA replication helicase 2 homolog (yeast); DNA2 DNA replication helicase 2 like (yeast) , DNA2L; DNA2-like helicase; KIAA0083; DNA replication ATP-dependent helicase-like homolog; DNA2L; FLJ10063; MGC133297;

Gene ID [1763](#)

mRNA Refseq [NM_001080449](#)

Protein Refseq [NP_001073918](#)

MIM [601810](#)

UniProt ID [P51530](#)

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