

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 GYLILYPDMLISGTSIASSIRCMRRAVLSETFRSSDPATRQMLIGTVLHEVFQKAINNS 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

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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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