

Recombinant Human DKC1 protein, GST-tagged

Cat. No. DKC1-261H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DKC1(1 a.a. - 514 a.a.), fused with GST at N-terminal, was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Protein Length	1 a.a. - 514 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	84.1 kDa
AA Sequence	MADAEVIILPKKHKKKKERKSLPEEDVAEIQHAEFLIKPESKVAKLDTSQWPLLLKNF DKLNVRTTHYTPLACG SNPLKREIGDYIRTGFINLDKPSNPSSHEVVAWIRRLRVEK TGHSGTLDPKVTGCLIVCIERATRLVKSQQSAG KEYVGIVRLHNAIEGGTQLSRALE TLTGALFQRPLIAAVKRQLRVRTIYESKMIEYDPERRLGIFWVSCEAGTY IRTLCVH LGLLLGVGGQMQLRRVRSGVMSEKDHMVTMHDVLDAQWLYDNHKDESYLRRVV YPLEKLLTSHKRLV MKDSAVNAICYGAKIMLPGLVRYEDGIEVNQEIVVITTKGEAICM AIALMTTAVISTCDHGIVAKIKRVIMERDT YPRKWGLGPKASQKKLMIKQGLLDKHGK PTDSTPATWKQEYVDYSESAKKEVVAEVVKAPQVVAEAAKTAKRKRE SESESDET PPAAPQLIKKEKKKSKKDKKAKAGLESGAEPGDGSDTTKKKKKKKAKEVELVSE
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
GENE INFORMATION	
Gene Name	DKC1 dyskeratosis congenita 1, dyskerin [Homo sapiens]
Official Symbol	DKC1
Synonyms	DKC1; dyskeratosis congenita 1, dyskerin; DKC; H/ACA ribonucleoprotein complex subunit 4; dyskerin; NAP57; NOLA4; XAP101; CBF5 homolog; cbf5p homolog; snoRNP protein DKC1; nucleolar protein NAP57; nucleolar protein family A member 4; nopp140-associated protein of 57 kDa; CBF5; DKCX; FLJ97620;
Gene ID	1736
mRNA Refseq	NM_001363
Protein Refseq	NP_001354
MIM	300126
UniProt ID	O60832
Chromosome Location	Xq28
Pathway	Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Extension of Telomeres, organism-specific biosystem; H/ACA ribonucleoprotein complex, organism-specific biosystem; Regulation of Telomerase,

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organism-specific biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;

Function

RNA binding; isomerase activity; protein binding; pseudouridine synthase activity; telomerase activity;

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