

Recombinant Human DKC1 Protein, His-tagged

Cat. No. DKC1-685H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DKC1(Arg298~Leu465) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg298~Leu465
Description	This gene functions in two distinct complexes. It plays an active role in telomerase stabilization and maintenance, as well as recognition of snoRNAs containing H/ACA sequences which provides stability during biogenesis and assembly into H/ACA small nucleolar RNA ribonucleoproteins (snoRNPs). This gene is highly conserved and widely expressed, and may play additional roles in nucleo-cytoplasmic shuttling, DNA damage response, and cell adhesion. Mutations have been associated with X-linked dyskeratosis congenita. Alternative splicing results in multiple transcript variants.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	22.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

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_001142463
Protein Refseq	NP_001135935
MIM	300126

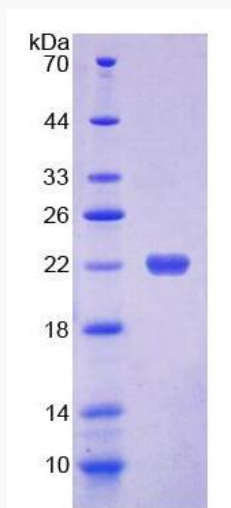
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UniProt ID

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