

Recombinant Human DNAJC21 Protein, GST-tagged

Cat. No. DNAJC21-2757H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJC21 full-length ORF (AA141524.1, 1 a.a. - 576 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the DNAJ heat shock protein 40 family of proteins that is characterized by two N-terminal tetratricopeptide repeat domains and a C-terminal DNAJ domain. This protein binds the precursor 45S ribosomal RNA and may be involved in early nuclear ribosomal RNA biogenesis and maturation of the 60S ribosomal subunit. Mutations in this gene result in Bone marrow failure syndrome 3. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2017]
Molecular Mass	89.76 kDa
AA Sequence	MKCHYEALGVRRDASEEELKKAYRKLALKWHPDKNLDNAAEAAEQFKLIQAAYDVL SDPQERAWYDNHREALLKGGFDGEYQDDSLDLLRYFTVTCYSGYGDDEKGFYTVY RNVFEMIAKEELESVLEEEVDDFPTFGDSQSDYD TVVHPFYAYWQSFCTQKNFAWK EEYDTRQASNRWEKRAMKENKKIRDKARKEKNELVRQLVAFIRKRDKRVAHRKL VEEQNAEKARKAEEMRRQQKLKQAKLVEQYREQSWMTMANLEKELQEMEARYEK EFGDGS DENEMEEHELKDEEDGKDSDEAEDAELYDDLYCPACDKSFKTEKAMKNH EKSKKHREMVALLKQQLEEEEEENFSRPQIDENPLDDNSEEEMEDAPKQKLSKKQKK

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KKQKPAQDVPKGDSYLPAAHFQMAWGKKCVLGERRDGESEHKCAKMMLLENRQNY
DDNFNVNGPGEGVKVDPEDTNLNQDSAKELEDSPQENVSVTEIHKPCDDPKSEAKS
VPKPKGKKTDMKKPVRVPAEPQTMSVLISCTTCHSEFP SRNKLFDHLKATGHARA
PSSSSLNSATSSQSKKEKRKNR

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

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.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name DNAJC21 DnaJ (Hsp40) homolog, subfamily C, member 21 [Homo sapiens]

Official Symbol DNAJC21

Synonyms DNAJC21; DnaJ (Hsp40) homolog, subfamily C, member 21; dnaJ homolog subfamily C member 21; DNAJA5; GS3; JJJ1; JJJ1 DnaJ domain protein homolog (S. cerevisiae); JJJ1 DnaJ domain protein homolog; dnaJ homolog subfamily A member 5; DnaJ homology subfamily A member 5;

Gene ID 134218

mRNA Refseq NM_001012339

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Protein Refseq	NP_001012339
MIM	617048
UniProt ID	Q5F1R6

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