

Recombinant Full Length Human DNAJC21 Protein, GST-tagged

Cat. No. DNAJC21-4005HF **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	In Vitro Cell Free System
ProteinLength	576 amino acids
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	MKCHYEALGVRRDASEEELKKAYRKLALKWHPDKNLDNAAEAAEQFKLIQAAYDVLSDPQERAWYDNHREALLKGGFDGEYQDDSLDLLRYFTVTCYSGYGDDEKGFYTVYRNVFEMIAKEELESVLEEEVDDFPTFGDSQSDYDVTVHPFYAYWQSFCQKQNFQAWKEEYDTRQASNRWEKRAMKRNKKIRDKARKEKNELVRQLVAFIRKRDQVQAHKRLVEEQNAEKARKAEEMRRQQLKQAKLVEQYREQSWMTMANLEKELQEMEARYEK

 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

EFGDGSDENEMEEHELKDEEDGKDSDEAEDAELYDDLYCPACDKSFKTEKAMKNH
 EKSKKHREMVALLKQQLEEEEEENFSRPQIDENPLDDNSEEEMEDAPKQKLSKKQKK
 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

 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

mRNA Refseq	NM_001012339
Protein Refseq	NP_001012339
MIM	617048
UniProt ID	Q5F1R6

 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