Recombinant Full Length Human DNAJC7 Protein, GST-tagged

Cat. No. DNAJC7-4024HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJC7 full-length ORF (AAH33772, 1 a.a. - 484 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	484 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 chaperone proteins heat shock proteins 70 and 90 in an ATP-dependent manner and may function as a co-chaperone. Pseudogenes of this gene are found on chromosomes 1 and 6. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009]
Molecular Mass	78.98 kDa
AA Sequence	MAATEPELLDDQEAKREAETFKEQGNAYYAKKDYNEAYNYYTKAIDMCPKNASYYG NRAATLMMLGRFREALGDAQQSVRLDDSFVRGHLREGKCHLSLGNAMAACRSFQR ALELDHKNAQAQQEFKNANAVMEYEKIAETDFEKRDFRKVVFCMDRALEFAPACHR FKILKAECLAMLGRYPEAQSVASDILRMDSTNADALYVRGLCLYYEDCIEKAVQFFVQ ALRMAPDHEKACIACRNAKALKAKKEDGNKAFKEGNYKLAYELYTEALGIDPNNIKT NAKLYCNRGTVNSKLRKLDDAIEDCTNAVKLDDTYIKAYLRRAQCYMDTEQYEEAVR DYEKVYQTEKTKEHKQLLKNAQLELKKSKRKDYYKILGVDKNASEDEIKKAYRKRAL

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	MHHPDRHSGASAEVQKEEEKKFKEVGEAFTILSDPKKKTRYDSGQDLDEEGMNMG DFDPNNIFKAFFGGPGGFSFEASGPGNFFFQFG
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	DNAJC7 DnaJ (Hsp40) homolog, subfamily C, member 7 [Homo sapiens]
Official Symbol	DNAJC7
Synonyms	DNAJC7; DnaJ (Hsp40) homolog, subfamily C, member 7; TTC2; dnaJ homolog subfamily C member 7; TPR2; TPR repeat protein 2; tetratricopeptide repeat domain 2; tetratricopeptide repeat protein 2; DJ11; DJC7;
Gene ID	7266
mRNA Refseq	NM_001144766
Protein Refseq	NP_001138238
MIM	601964

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UniProt ID	Q99615

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