

Recombinant Human DNAJC7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJC7-6530H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAJC7 MS Standard C13 and N15-labeled recombinant protein (NP_003306) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	56.4 kDa
AA Sequence	MAAAAECDVVMAATEPELLDDQEAKREAETFKEQGNAYYAKKDYNEAYNYYTKAID MCPKNASYYGNAATLMMLGRFREALGDAQQSVRLDDSFVRGHLREGKCHLSLGN AMAACRSFQRALELDHKNAQAQQEFKNANAVMEYEKIAETDFEKRDFRKVVFCMD RALEFAPACHRFKILKAECMLGRYPEAQSVASDILRMDSTNADALYVRGLCLYYE DCIEKAVQFFVQALRMAPDHEKACIACRNAKALKAKKEDGNKAFKEGNYKLAYELYT EALGIDPNNIKTNAKLYCNRGTVNSKLRKLDDAIEDCTNAVKLDDTYIKAYLRRACQY MDTEQYEEAVRDYKVVYQTEKTKEHKQLLKNAQLELKKSKRKDYKILGVVDKNASE

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DEIKKAYRKRALMHHPDRHSGASAEVQKEEEKKFKEVGEAFTILSDPKKKTRYDSG
QDLDEEGMNMGDFDPNNIFKAFFGGPGGFSFEASGPGNFFFQFGTRTRPLEQKLIS
EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DNAJC7 DnaJ heat shock protein family (Hsp40) member C7 [Homo sapiens (human)]

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_003315

Protein Refseq NP_003306

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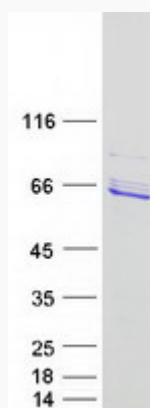
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MIM 601964

UniProt ID Q99615

SDS-PAGE



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