

Recombinant Human DNAJB4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJB4-2926H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAJB4 MS Standard C13 and N15-labeled recombinant protein (NP_008965) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a molecular chaperone, tumor suppressor, and member of the heat shock protein-40 family. The encoded protein binds the cell adhesion protein E-cadherin and targets it to the plasma membrane. This protein also binds incorrectly folded E-cadherin and targets it for endoplasmic reticulum-associated degradation. This gene is a strong tumor suppressor for colorectal carcinoma, and downregulation of it may serve as a good biomarker for predicting patient outcomes. Several transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	37.8 kDa
AA Sequence	MGKDYCYCILGIEKGASDEDIKKAYRKQALKFHPDKNKSPQAEKFKEVAEAYEVLSD PKKREIYDQFGEEGLKGGAGGTDGQGGTFRYTFHGDPHATFAAFFGGSNPFEIFFG RRMGGGRDSEEMEIDGDPFSAFGFSMNGYPRDRNSVGPSRLKQDPPVIHEL RVSL EEIYSGCTKRMKISRKRLNADGRSYRSEDKILTIEIKKGWKEGKITFPREGDETPNSI PADIVFIIKDKDHPKFKRDGSNIIYTAKISLREALCGCSINVPTLDGRNIPMSVNDIVKP

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GMRRRIIGYGLPFPKPNPDQRGDLLIEFEVSFPDTISSSSKEVLRKHLPASTRTRPLEQ
KLISEEDLAANDILDYKDDDDKV

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 DNAJB4 DnaJ heat shock protein family (Hsp40) member B4 [Homo sapiens (human)]

Official Symbol DNAJB4

Synonyms DNAJB4; DnaJ (Hsp40) homolog, subfamily B, member 4; dnaJ homolog subfamily B member 4; HLJ1; HSP40 homolog; heat shock protein 40 homolog; human liver DnaJ-like protein; DnaJ-like heat shock protein 40; heat shock 40 kDa protein 1 homolog; DjB4; DNAJW;

Gene ID 11080

mRNA Refseq NM_007034

Protein Refseq NP_008965

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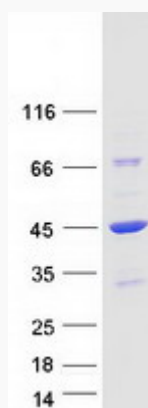
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MIM 611327

UniProt ID Q9UDY4

SDS-PAGE



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