

Product datasheet for TP303743M

DNAJB4 (NM_007034) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Dnaj (Hsp40) homolog, subfamily B, member 4 (DNAJB4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203743 protein sequence Red =Cloning site Green =Tags(s)

MGKDYCYILGIEKGASDEDIKKAYRKQALKFHPDKNKSPQAEKFEVAEAYEVLSDPKKREIYDQFGEE
GLKGGAGGTDGQGGTFRYTFHGDPHATFAAFFGGSNPFIEFFGRRMGGGRDSEEMEIDGDPFSAFGFSMN
GYPRDRNSVGPSRLKQDPPVIHELRSLEEIYSGCTKRMKISRKRLNADGRSYRSEDKILTIEIKKGWKE
GTKITFPREGDETPNSIPADIVFIIKDKDHPKFKRDGSNIIYTAKISLREALCGCSINVPTLDGRNIPMS
VNDIVKPGMRRRIIGYGLPFPKNPDQRGDLLIEFEVSFPDTISSSSKEVLRKHLPAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	37.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_008965
Locus ID:	11080



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UniProt ID: [Q9UDY4](#)

RefSeq Size: 2250

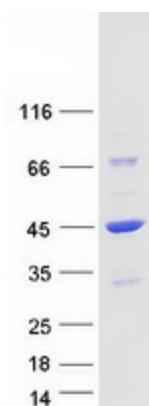
Cytogenetics: 1p31.1

RefSeq ORF: 1011

Synonyms: DjB4; DNAJW; HLJ1

Summary: 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. [provided by RefSeq, Nov 2015]

Product images:



Coomassie blue staining of purified DNAJB4 protein (Cat# [TP303743]). The protein was produced from HEK293T cells transfected with DNAJB4 cDNA clone (Cat# [RC203743]) using MegaTran 2.0 (Cat# [TT210002]).