

Product datasheet for **TP303743**

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), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC203743 protein sequence
Red=Cloning site **Green**=Tags(s)

MGKDYYCILGIEKGASDEDIKKAYRKQALKFHPDKNKSPQAEKFKVEVAEAYEVLSDPKKREIYDQFGEE
GLKGGAGGTDGQGGTFRYTFHGDPHATFAAFFGGSNPFIEFFGRRMGGGRDSEMEIDGDPFSAFGFSMN
GYPRDRNSVGPSRLKQDPPVIHELRSLEEIYSGCTKRMKISRKRLNADGRSYRSEDKILTIEIKKGWKE
GKITFPREGDETPNSIPADIVFIIKDKDHPKFKRDGNSIIYTAKISLREALCGCSINVPTLDGRNIPMS
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

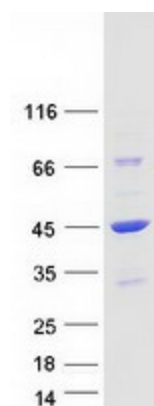
Cytogenetics: 1p31.1

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]).