Recombinant Full Length Human DNAJB4 Protein, GST-tagged

Cat. No. DNAJB4-3981HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJB4 full-length ORF (AAH34721, 1 a.a. - 337 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	337 amino acids
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. [provided by RefSeq, Nov 2015]
Molecular Mass	62.81 kDa
AA Sequence	MGKDYYCILGIEKGASDEDIKKAYRKQALKFHPDKNKSPQAEEKFKEVAEAYEVLSD PKKREIYDQFGEEGLKGGAGGTDGQGGTFRYTFHGDPHATFAAFFGGSNPFEIFFG RRMGGGRDSEEMEIDGDPFSAFGFSMNGYPRDRNSVGPSRLKQDPPVIHELRVSL EEIYSGCTKRMKISRKRLNADGRSYRSEDKILTIEIKKGWKEGTKITFPREGDETPNSI PADIVFIIKDKDHPKFKRDGSNIIYTAKISLREALCGCSINVPTLDGRNIPMSVNDIVKP

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	GMRRRIIGYGLPFPKNPDQRGDLLIEFEVSFPDTISSSSKEVLRKHLPAS
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	DNAJB4 DnaJ (Hsp40) homolog, subfamily B, member 4 [Homo sapiens]
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
MIM	611327

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UniProt ID	Q9UDY4

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