

Recombinant Human DNAJB4, His-tagged

Cat. No. DNAJB4-7130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DNAJB4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-337aa
Description	DNAJB4 belongs to the evolutionarily conserved DNAJ/HSP40 protein family. Subunit structure of this protein is homodimer. The C-terminal section interacts with the C-terminal tail of OPRM1. DNAJB4 interacts also with SDIM1.
Form	Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 30% glycerol, 1mM DTT
Molecular Mass	40 kDa (360aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGKDYIC ILGIEKGASD EDIKKAYRKQ ALKFHPDKNK SPQAEKFKK VAEAYEVLS PKKREIYDQFGEEGLKGGAG GTDGGGGTFR YTFHGDPHAT FAAFFGGSNP FEIFFGRRMG GGRDSEEME DGDPFSAFGF SMNGYPRDRN SVGPSRLKQD PPVIHELRSV LEEIYSGCTK RMKISRKRLN ADGRSYRSED KILTIEIKKG WKEGKITFP REGDETPNSI PADIVFIKD KDHPKFKRDGSGNIIYAKIS LREALCGCSI NVPTLDGRNI PMSVNDIVKP GMRRRIIGYG LPFPKNPDQR GDLLIEFEVS FPDTISSSSK

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	EVLRKHLPAS
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml

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
UniProt ID	Q9UDY4

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Chromosome Location	1p31.1
Function	heat shock protein binding; protein binding; unfolded protein binding;