

Recombinant Human DNAJB6, His-tagged

Cat. No. DNAJB6-3380H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DNAJB6 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 38.5 kDa (349aa).
Species	Human
Source	E.coli
Description	DnaJB6, also known as DnaJ homolog subfamily B member 6, is a member of the DNAJ protein family. DNAJ family members are characterized by a highly conserved amino acid stretch called the "J-domain" and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 30% glycerol.
Purity	> 85% by SDS - PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSMVDYYEV LGVQRHASPE DIKKAYRKLA LKWHPDKNPE NKEEAERKFK QVAEAYEVLS DAKKRDIYDK YGKEGLNGGG GGGSHFDSPF EFGFTFRNPD DVFREFFGGR DPFSFDFFED PFEDFFGNRR GPRGSRSRGT GSFFSAFSGF PSFGSGFSSF DTGFTSFGSL GHGGLTSFSS

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TSFGGSGMGN FKSISTSTKM VNGRKITTKR IVENGQERVE VEEDGQLKSL
TINGVADDDA LAERMRRGQ NALPAQPAGL RPPKPPRPAS LLRHAPHCLS
EEEEGEQDRPR APGPWDPLAS AAGLKEGGKR KKQKQREESK KKKSTKGNH.

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.

GENE INFORMATION
Gene Name

DNAJB6 DnaJ (Hsp40) homolog, subfamily B, member 6 [Homo sapiens]

Synonyms

DnaJ (Hsp40) homolog, subfamily B, member 6; DJ4; MRJ; DnaJ; HSJ2; HHDJ1; HSJ-2; MSJ-1; MGC1152; FLJ42837; MGC117297; DKFZp566D0824; DNAJB6; dnaJ homolog subfamily B member 6; OTTHUMP00000211816; OTTHUMP00000211817; OTTHUMP00000211818; OTTHUMP00000211824; OTTHUMP00000211826; DnaJ-like 2 protein; heat shock protein J2

Gene ID

10049

mRNA Refseq

NM_005494

Protein Refseq

NP_005485

MIM

611332

UniProt ID

O75190

Chromosome Location

7q36.3

Function

ATPase activator activity; DNA binding; chaperone binding; heat shock protein

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binding; protein binding; transcription repressor activity

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