

# Product information



## DNAJB6, 1-326 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0859

**Full Name:** DnaJ homolog subfamily B member 6

**NCBI Accession No.:** NP\_490647

**Synonyms:** DJ4, DnaJ, HHDJ1, HSJ2, MRJ, MSJ-1

**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. Recombinant human DNAJB6 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

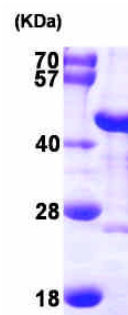
**Form:** Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,

5mM DTT, 30% glycerol

**Molecular Weight:** 38.5 kDa (349aa), confirmed by MALDI-TOF

**Purity:** > 85% by SDS - PAGE

**Concentration:** 0.25 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMDVYYEV LGVQRHASPE DIKKAYRKLA LKWHPOKNPE NKEEAERKFK QVAEAYEVLS DAKKRDYDK  
YGKEGLNGGG GGGSHFDSPF EFGFTFRNPD DVFREFFGGR DPFSFDFFED PFEDFFGNRR GPRGSRSRGT GSFFSAFSGF PSFGSGFSSF  
DTGFTSFGSL GHGGLTSFSS TSFGGSGMGN FKSISTSTKM VNGRKITTKR IVENGQERVE VEEDGQLKSL TINGVADDDA LAEERMRRGQ  
NALPAQPAGL RPPKPPRPAS LLRHAPHCLS EEEGEQDRPR APGPWDPLAS AAGLKEGGKR KKQKQREESK KKKSTKGNH

### General references:

Mitra A., *et al.* (2010) *J Biol Chem.* 285(32):24686-94.

Dey S., *et al.* (2009) *Mol Cell Biochem.* 322(1-2):137-42.

**WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.**

# Product information

---



**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.

**WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.**