

DNAJB6 Human

Description: DNAJB6 Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 349 amino acids (1-326 a.a.) and having a molecular mass of 38.5kDa. The DNAJB6 is purified by proprietary chromatographic techniques.

Catalog #: HYP5-045

For research use only.

Synonyms: DnaJ homolog subfamily B member 6, HHDJ1, Heat shock protein J2, HSJ-2, MRJ, MSJ-1, DNAJB6, HSJ2, MSJ1, DJ4, DnaJ, MGC1152, FLJ42837, MGC117297, DKFZp566D0824.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMVDYYEV LGVQRHASPE
DIKKAYRKLA LKWHDPKNPE NKEEAERKFK QVAEAYEVLS DAKKRDIYDK YGKEGLNGGG
GGGSHFDSPF EFGFTFRNPD DVFREFFGGR DPFSFDFFED PFEDFFGNRR GPRGSRSRGT
GSFFSAFSGF PSFGSGFSS DTGFTSFGSL GHGGLTSFSS TSFGGSGMGN FKSISTSTKM
VNGRKITTKR IV

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:

The DNAJB6 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 30% glycerol.

Stability:

DNAJB6 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

DnaJ homolog subfamily B member 6 (DNAJB6) belongs to the DNAJ protein family. The DNAJ family members are characterized by a highly conserved amino acid stretch known as 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. DNAJB6 may also play a role in polyglutamine aggregation in specific neurons.

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