

32-5293: Recombinant Human DnaJ (Hsp40) Homolog, Subfamily B, Member 2

Alternative Name : DnaJ homolog subfamily B member 2,DnaJ protein homolog 1,Heat shock 40 kDa protein 3,Heat shock protein J1,HSJ-1,DNAJB2,HSJ1,HSPF3.

Description

Source : Escherichia Coli. DNAJB2 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 300 amino acids (1-277 a.a.) and having a molecular mass of 33kDa. The DNAJB2 is purified by proprietary chromatographic techniques. DnaJB2 is a member of the DnaJ family. The DnaJ family is one of the largest of all the chaperone families which has evolved with diverse cellular localization and functions. DnaJB2 are important mediators of proteolysis which are involved in the regulation of protein degradation, exocytosis and endocytosis. The DnaJ proteins play a significant role in the HSP70 chaperone machine by interacting with HSP70 to stimulate ATP hydrolysis. DnaJB2 is expressed almost solely in the brain, with the highest levels in the frontal cortex and hippocampus.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : The DNAJB2 solution (1 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.
Storage condition : DNAJB2 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMA SYEI LDVPRASAD DIKKAYRRKA LQWHPDKNPD
 NKEFAEKKFK EVAEAYEVLS DKHKREIYDR YGREGLTGTG TGPSRAEAGS GPGFTFTFR SPEEVFREFF
 GSGDPFAELF DDLGPFSELQ NRGSRHSGPF FTFSSSFPGH SDFSSSSFSF SPGAGAFRSV STSTTFVQGR
 RITTRRIMEN GQERVEVED GQLKSVTING VPDDLALGLE LSRREQQPSV TSRSGGTQVQ QTPASCPLDS
 DLSEDEDLQL AMAYSLSEME AAGKKPADVF.

