

DNAJB2, 1-277aa, Human, His tag, E.coli

Cat.NO.: TP01894

3th Edition

Synonyms:DnaJ homolog subfamily B member 2, HSJ1, HSPF3.

Description:DnaJB2, also known as HSJ1 or HSPF3, is belongs to the DnaJ family. It is expressed almost exclusively in the brain, with the highest levels in the frontal cortex and hippocampus. The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol,2mM DTT, 0.1M NaCl.

Molecular Weight:33 kDa (300aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMASYEILDVPRASADDIKKAYRRKALQWHPDKNPDNKEFAEKKKFKEVAE
AYEVLSDKHKREIYDRYGRELTGTGTGPSRAEAGSGGPGFTFTFRSPEEVFREFFGSGDPFAELFDDLGPFSSEL
QNRGSRHSGPFFTFSSSFPGHSDFFSSSFSPGAGAFRSVSTSTTFVQGRITTRRIMENGQERVEVEEDGQLK
SVTINGVPDDLALGLELSRREQQPSVTSRSGGTQVQQTPASCPLDSDLSEDEDLQLAMAYSLSEMEAAGKKPADV
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Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.