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32-5294: Recombinant Human DnaJ (Hsp40) Homolog, Subfamily B, Member 4

Alternative Name : DnaJ homolog subfamily B member 4,Heat shock 40 kDa protein 1 homolog,HSP40 homolog,Heat shock protein 40 homolog,Human liver DnaJ-like protein,DNAJB4,DNAJW,HLJ1,DjB4.

Description

Source : Escherichia Coli. DNAJB4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 360 amino acids (1-337 a.a.) and having a molecular mass of 40kDa.DNAJB4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. DnaJ (Hsp40) Homolog, Subfamily B, Member 4 (DNAJB4) is a member of the evolutionarily conserved DNAJ/HSP40 protein family. DNAJB4 subunit configuration is homodimer. DNAJB4 possibly functions as a chaperone. DNAJB4 C-terminal section interacts with the C-terminal tail of OPRM1. DNAJB4 also has an interaction with SDIM1. DNAJB4 is expressed in the heart, pancreas and skeletal muscle, and to a lesser extent in the brain, placenta and liver.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	DNAJB4 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.2M NaCl, 30% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMGKDYYC ILGIEKGASD EDIKKAYRKQ ALKFHPDKNK SPQAEEKFKE VAEAYEVLSD PKKREIYDQF GEEGLKGGAG GTDGQGGTFR YTFHGDPHAT FAAFFGGSNP FEIFFGRRMG GGRDSEEMEI DGDPFSAFGF SMNGYPRDRN SVGPSRLKQD PPVIHELRVS LEEIYSGCTK RMKISRKRLN ADGRSYRSED KILTIEIKKG WKEGTKITFP REGDETPNSI PADIVFIIKD KDHPKFKRDG SNIIYTAKIS LREALCGCSI NVPTLDGRNI PMSVNDIVKP GMRRRIIGYG LPFPKNPDQR GDLLIEFEVS FPDTISSSSK EVLRKHLPAS.

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