

HSP40(DNAJ) Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02521

3th Edition

Synonyms:DNAJB1, HSPF1, Hdj1

Description:Human HSP40(heat shock protein with molecular size of 40kDa) is one of the mammalian homologues of bacterial DnaJ heat shock protein and regulates cellular processes by aiding in the folding, transport and assembly. HSP40 protein contains the J-domain which controls interaction with the ATPase domain of DnaK. Recombinant human HSP40, his-tagged, is overexpressed in E.coli and purified by using the conventional column chromatography techniques.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.2mMPMSF,10% glycerol

Molecular Weight:40.2 kDa (360 aa)

Sequences:

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.