

DNAJB8, 1-232aa, Human, His tag, E.coli

Cat.NO.: TP01897

3th Edition

Synonyms:DnaJ homolog subfamily B member 8,

Description:DNAJB8, also known as dnaJ homolog subfamily B member 8, is superior suppressors of aggregation and toxicity of disease-associated polyglutamine proteins. DNAJB8 is (de)acetylated at two conserved C-terminal lysines that are not involved in substrate binding, but do play a role in suppressing protein aggregation. Recombinant human DNAJB8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

Molecular Weight:27.8 kDa (252aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMANYEVLGVQASASPEDIKKAYRKLALRWHPDKNPDNKEEAEEKFKLVSEAYE
VLSDSKRSLYDRAGCDSWRAGGGASTPYHSPFDTGYTFRNPEDIFREFFGGLDPFSEFEFWDSPFNDRGGRGH
GLRGAFSAGFGEFPAFMEAFSSFNMLGCSGGSHHTFSSTSFGGSSSGSSGFKSVMSSTEMINGHKVTTKRIVENG
QERVEVEEDGQLKSVTVNGKEQLKWMSK

Purity:> 95% by HPLC

Concentration:0.25 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.