

**DJ-1(PARK7),Human, Recombinant, His-tag, E.coli**

**Cat.NO.: TP01883**

3th Edition

**Synonyms:**Parkinson disease protein 7, PARK7, DJ1

**Description:**The DJ-1 is a ubiquitously expressed protein involved in various cellular processes including spermatogenesis and fertilization, cancer, RNA-binding, androgen-receptor signaling and oxidative stress. Mutations in the DJ-1 are the cause of autosomal recessive early-onset Parkinson's disease 7 (Park7).

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

**Molecular Weight:**24 kDa (225 aa), confirmed by MALDI-TOF

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMASKRALVILAKGAEEMETVIPVDVMRRAGIKVTVAG  
LAGKDPVQCSRDVVICPDASLEDKKEGPYDVVVLPGGNLGAQNLSESAVKEILKEQENRKGLIAAICAGPTALLA  
HEIGFGSKVTTHPLAKDKMMNGGHYTYSENVRVEKDGLILTSRGPGTSFEFALAIVEALNGKEVAAQVKAPLVLKD

**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.