

**Park7, 1-189 aa, Mouse, His tag, E.coli**

**Cat.NO.: TP03293**

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3th Edition

**Synonyms:**DJ-1, Dj1

**Description:**Park7 also known as protein DJ-1 belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. Play an important role in cell protection against oxidative stress and cell death acting as oxidative stress sensor and redox-sensitive chaperone and protease. Recombinant mouse Park7, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

**Molecular Weight:**22.4 kDa (212aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMASKRALVILAKGAEEMETVIPVDVMRRAGIKVTVAGLAGKDPVQCSRDMI  
CPDTSLEDAKTQGPYDVVVLPGGNLGAQNLSSEPMVKEILKEQESRKGLIAAICAGPTALLAHEVGFSGCKVTTHPLA  
KDKMMNGSHYSYSESRVEKDGLILTSRGPSTFEFALAIVEALVGKDMANQVKAPLVLKD

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**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.