

Parkinson Disease Protein 7 Recombinant Protein | PARK7 recombinant protein

Recombinant Mouse Parkinson Disease Protein 7

CATALOG # AAA38036	HOST E Coli
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PRODUCT SYNONYMS

Parkinson Disease Protein 7; Recombinant Mouse Parkinson Disease Protein 7; PARK7 Mouse; Parkinson Disease Protein 7 Mouse Recombinant; Protein deglycase DJ-1; Parkinson disease protein 7 homolog; PARK7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	PARK7 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4), 20% glycerol and 1mM DTT. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS MASKRALVIL AKGAEEMETV IPVDVMRRAG IKVTVAGLAG KDPVQCSDV MICPDTSLED AKTQGPYDVV VLPGGNLGAQ NLSESPMVKE ILKEQESRKG LIAAICAGPT ALLAHEVGFG CKVTTHPLAK DKMMNGSHYS YSESRVEKDG LILSRGPGT SFEFALAIVE ALVGKDMANQ VKAPLVLKD
Sequence Length	189
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for PARK7 recombinant protein	Introduction: The PARK7 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 PARK7 are the cause of autosomal recessive early-onset Parkinson's disease 7 (Park7). Description: PARK7 Mouse Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 212 amino acids (1-189 a.a) and having a molecular mass of 22.4kDa. PARK7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for PARK7 recombinant protein	Recombinant & Natural Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	55741460
NCBI GeneID	57320
NCBI Accession #	NP_065594.2
NCBI GenBank Nucleotide #	NM_020569.3
UniProt Accession #	Q99LX0 ; O88306 ; Q3THB9 ; Q3U509
Molecular Weight	20,021 Da

NCBI Official Full Name	protein DJ-1
NCBI Official Synonym Full Names	Parkinson disease (autosomal recessive, early onset) 7
NCBI Official Symbol	Park7
NCBI Official Synonym Symbols	Dj1; DJ-1
NCBI Protein Information	protein deglycase DJ-1
UniProt Protein Name	Protein deglycase DJ-1
UniProt Gene Name	Park7
UniProt Entry Name	PARK7_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/park7-recombinant-protein-e-coli/38036>