

Parkinson Disease Protein 7 Recombinant Protein | PARK7 recombinant protein

Recombinant Human Parkinson Disease Protein 7

CATALOG #
AAA38521

HOST
E Coli

PRODUCT SYNONYMS

Parkinson Disease Protein 7; Recombinant Human Parkinson Disease Protein 7; Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7; PARK7; DJ1; DJ-1; FLJ27376.; PARK7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The protein solution (1mg/ml) contains 20mM Tris-HCl pH-8 and 20% glycerol. Sterile Filtered colorless solution.
Concentration	1mg/ml (varies by lot)
Sequence	<u>MRGSHHH HHHGMASMTG GQQMGRDLYD DDDKDRWGS</u>MASKRAL VILAKGAEEM ETVIPVDVMR</u> <u>RAGIKVTVAG LAGKDPVQCS RDVVICPDAS LEDAKKEGPY DVVVLPGGNL GAQNLSASAA VKEILKEQEN</u> <u>RKGLIAAICA GPTALLAHEI GFGSKVTTHP LAKDKMMNGG HYTYSENVRVE KDGLILTSRG PGTSFEFALA</u> <u>IVEALNGKEV AAQVKAPLVL KD</u>
Sequence Length	189
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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	Description: PARK7 Human Recombinant fused to an N-terminal 36 aa His-Tag, produced in E Coli is a single, non-glycosylated polypeptide chain (aa 1-189) containing 225 amino acids and having a molecular mass of 24 kDa. 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).
Product Categories/Family for PARK7 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	183227678
NCBI GeneID	11315
NCBI Accession #	NP_001116849.1
NCBI GenBank Nucleotide #	NM_001123377.1
UniProt Accession #	Q99497 ; O14805 ; Q6DR95 ; Q7LFU2 ; B2R4Z1
Molecular Weight	19,891 Da

NCBI Official Full Name	protein DJ-1
NCBI Official Synonym Full Names	parkinson protein 7
NCBI Official Symbol	PARK7
NCBI Official Synonym Symbols	DJ1; DJ-1; HEL-S-67p
NCBI Protein Information	protein DJ-1; Parkinson disease (autosomal recessive, early onset) 7; epididymis secretory sperm binding protein Li 67p; oncogene DJ1
UniProt Protein Name	Protein DJ-1
UniProt Gene Name	PARK7
UniProt Entry Name	PARK7_HUMAN

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/38521>