

DJ-1 (PARK7) Recombinant Protein | DJ-1 recombinant protein

DJ-1 (PARK7), 1-189 aa, Human, His tag, E Coli

CATALOG # AAA48436	HOST E Coli	APPLICATIONS SDS-Page
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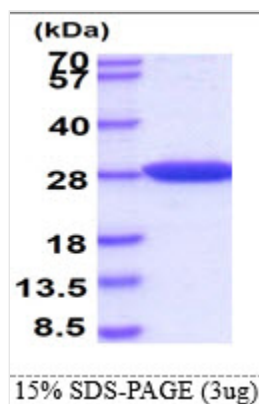
PRODUCT SYNONYMS

DJ-1 (PARK7); 1-189 aa; Human; His tag; E Coli; Parkinson disease protein 7; PARK7; Oncogene DJ1; Protein DJ-1; Parkinson disease protein 7 CAP1; DJ1; DJ1 protein; SP22.; DJ-1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl pH8.0, 20% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASK RALVILAKGA EEMETVIPVD VMRRAGIKVT VAGLAGKDPV QCSRDDVICP DASLEDASSE GPYDVVVLPG GNLGAQNLSE SAAVKEILKE QENRKGLIAA ICAGPTALLA HEIGFGSKVT THPLAKDKMM NGGHYTYSEN RVEKDGLILT SRGPGTSFEF ALAIVEALNG KEVAAQVKAP LVLKD
Sequence Length	189
Applicable Applications for DJ-1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DJ-1 recombinant protein	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). Recombinant human DJ-1, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for DJ-1 recombinant protein	Neuroscience
References	Choi J., et al. (2006) J. Biol Chem. 281 (16):10816-24.; Maraganore DM., et al. (2004) Neurology. 63 (3):550-3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543380
NCBI GeneID	11315
NCBI Accession #	NP_009193
NCBI GenBank Nucleotide #	NM_007262.4
UniProt Accession #	Q99497; O14805; Q6DR95; Q7LFU2; B2R4Z1
Molecular Weight	24 kDa (225 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	protein/nucleic acid deglycase DJ-1
NCBI Official Synonym Full Names	Parkinsonism associated deglycase
NCBI Official Symbol	PARK7
NCBI Official Synonym Symbols	DJ1; DJ-1; GATD2; HEL-S-67p
NCBI Protein Information	protein/nucleic acid deglycase DJ-1; protein deglycase DJ-1
UniProt Protein Name	Protein/nucleic acid deglycase DJ-1
UniProt Gene Name	PARK7
UniProt Synonym Gene Names	DJ-1

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.