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Product datasheet for AR09074PU-L

DJ-1 / PARK7 (1-189, His-tagged) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	DJ-1 / PARK7 (1-189, His-tagged) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASK RALVILAKGA EEMETVIPVD VMRRAGIKVT VAGLAGKDPV QCSRDVVICP DASLEDAKKE GPYDVVVLPG GNLGAQNLSE SAAVKEILKE QENRKGLIAA ICAGPTALLA HEIGFGSKVT THPLAKDKMM NGGHYTYSEN RVEKDGLILT SRGPGTSFEF ALAIVEALNG KEVAAQVKAP LVLKD
Tag:	His-tag
Concentration:	lot specific
Purity:	≥95 pure by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl pH 8.0, 20% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DJ-1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001116849
Locus ID:	11315
UniProt ID:	Q99497, V9HWC2
Cytogenetics:	1p36.23
Synonyms:	DJ-1; DJ1; GATD2; HEL-S-67p

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Summary: The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset Parkinson disease 7. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease

Protein Pathways: Parkinson's disease

Product images: