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# Datasheet for ABIN2719516 PARK7/DJ1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)

Image



Overview

Quantity:	20 µg
Target:	PARK7/DJ1 (PARK7)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PARK7/DJ1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human DJ-1 / PARK7 (transcript variant 2) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	PARK7/DJ1 (PARK7)
Alternative Name:	Dj-1,park7 (PARK7 Products)
Background:	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-

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	onset Parkinson disease 7. Two transcript variants encoding the same protein have been
	identified for this gene.
Molecular Weight:	19.7 kDa
NCBI Accession:	NP_001116849
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid
	Hormone Receptor Signaling, Proton Transport

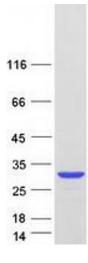
## Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

### Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.

#### Images



#### Western Blotting

Image 1. Validation with Western Blot

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