

Human PARK7 Knockdown Cell Lysate

Cat. No. PARK7-261HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PARK7 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	20 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PARK7 KD HeLa cell lysate
Protein Families	Druggable Genome, Protease
Protein Pathways	Parkinson's disease
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PARK7 parkinson protein 7 [Homo sapiens (human)]
Official Symbol	PARK7
Synonyms	PARK7; parkinson protein 7; Parkinson disease (autosomal recessive, early onset) 7; protein DJ-1; DJ 1; DJ1; oncogene DJ1; DJ-1; FLJ27376; FLJ34360; FLJ92274;
Gene ID	11315
mRNA Refseq	NM_001123377
Protein Refseq	NP_001116849
MIM	602533
UniProt ID	Q99497

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