

Recombinant Human PARK7, MYC/DDK-taggedC13 & N15-labeled

Cat. No. PARK7-231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C13 and N15-labeled Human PARK7 recombinant protein, fused with C-terminal MYC/DDK, was expressed in Human HEK293 cells.
Species	Human
Source	HEK293
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	Liquid
Molecular Mass	19.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
Concentration	> 50 ug/ml as determined by BCA

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Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [PARK7 parkinson protein 7 \[Homo sapiens \(human\) \]](#)

Official Symbol PARK7

Synonyms

PARK7; Parkinson disease (autosomal recessive, early onset) 7; DJ1; DJ-1; FLJ27376; FLJ34360; FLJ92274; Parkinson disease protein 7; oncogene DJ1; oncogene DJ1; protein DJ-1; OTTHUMP00000001350; OTTHUMP00000001351; OTTHUMP00000001348; OTTHUMP00000001349

Gene ID [11315](#)

mRNA Refseq [NM_001123377](#)

Protein Refseq [NP_001116849](#)

MIM [602533](#)

UniProt ID Q99497

Chromosome Location 1p36.23

Pathway

Alpha-synuclein signaling; Androgen receptor signaling pathway; Parkinsons Disease Pathway

Function

L-dopa decarboxylase activator activity; androgen receptor binding; NOT core promoter binding

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