

## 32-8175: Recombinant Human Parkinson Juvenile Disease Protein 2/PARK2 (C-6His)(Discontinued)

**Gene :** PRKN  
**Gene ID :** 5071  
**Uniprot ID :** O60260

### Description

Source: E.coli.

MW :43.4kD.

Recombinant Human Parkinson Juvenile Disease Protein 2 is produced by our E.coli expression system and the target gene encoding Met1-Lys387 is expressed with a 6His tag at the C-terminus. E3 Ubiquitin-Protein Ligase Parkin (PARK2) belongs to the RBR family and Parkin subfamily. PARK2 is expressed in the heart, testis, skeletal muscle, with high expression levels found in the brain including the substantianigra. PARK2 is a component of a multiprotein E3 ubiquitin ligase complex that mediates the targeting of substrate proteins for proteasomal degradation. The mutations of gene encoding this protein will result in Parkinson disease and autosomal recessive juvenile Parkinson disease.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,2mM DTT,20% Glycerol,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MIVFVRFNSSHGFPVEVSDTSIFQLKEVVAKRQGV PADQLRVIFAGKELRNDWTVQNCDDLQQSIVHIVQRP  
WRKQGEMNATGGDDPRNAAGGCEREPQSLTRVDLSSSVLPGDSVGLAVILHTDSRKDSPAGSPAGRSIYNS  
FYVYCKGPCQRVQPGKLRVQCSTCRQATLTLTQGPSCWDDVLI PNRMMSGECQSPHCPGTSAEFFFKCGAHPT  
SDKETSVALHLIATNSRNITCITCTDVRSPVLV FQCNSRHVICLDCFHLYCVTRLNDRQFVHDPQLGYSLPCVGT  
GDTVVLRGALGGFRRGVAGCPNSLIKELHHFRILGEEQYNRYQYGAEECVLQMGGVLCPRPGCGAGLLPEPD  
QRKVTCEGGNGLGCGYGQRRTKLEHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.