

Recombinant Full Length Human PARK2 Protein

Cat. No. PARK2-356HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Parkin with N terminal proprietary tag; Predicted MWt 68.64 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	387 amino acids
Description	<p>The precise function of this gene is unknown; however, the encoded protein is a component of a multiprotein E3 ubiquitin ligase complex that mediates the targeting of substrate proteins for proteasomal degradation. Mutations in this gene are known to cause Parkinson disease and autosomal recessive juvenile Parkinson disease.</p> <p>Alternative splicing of this gene produces multiple transcript variants encoding distinct isoforms. Additional splice variants of this gene have been described but currently lack transcript support.</p>
Form	Liquid
Molecular Mass	68.640kDa inclusive of tags
AA Sequence	<p>MIVFVRFNSSHGFPVEVSDSITSIFQLKEVVAKRQGVPADQ LRVIFAGKELRNDWTV QNCDLDQQSIVHIVQRPWRKGQ EMNATGGDDPRNAAGGCEREPQSLTRVDLSSS VLPGDSVG LAVILHTDSRKDSPPAGSPAGRSIYNSFYVYCKGPCQR VQPGKLRVQ CSTCRQATLTLTQGPSCWDDVLIPNRMSGEC QSPHCPGTSAEFFFKCGAHPTSDK</p>

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ETSVALHLIATNSR NITCITCTDVRSPVLVFQCNSRHVICLDCFHLYCVTRLND RQFV
 HDPQLGYSLPCVGTGDTVVLRGALGGFRRGVAGC PNSLIKELHHFRILGEEQYNRY
 QQYGAECEVLQMGGVLCP RPGCGAGLLPEPDQRKVTCEGGNGLGCGYGQRRTK

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [PARK2 parkinson protein 2, E3 ubiquitin protein ligase \(parkin\) \[Homo sapiens \]](#)

Official Symbol [PARK2](#)

Synonyms PARK2; parkinson protein 2, E3 ubiquitin protein ligase (parkin); Parkinson disease (autosomal recessive, juvenile) 2, parkin; E3 ubiquitin-protein ligase parkin; AR JP; E3 ubiquitin ligase; parkin; PDJ

Gene ID [5071](#)

mRNA Refseq [NM_004562](#)

Protein Refseq [NP_004553](#)

MIM [602544](#)

UniProt ID [O60260](#)

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