

Recombinant Human PARK2 protein

Cat. No. PARK2-422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARK2(1-465 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-465 a.a.
Form	50 mM Hepes pH 7.5, 150 mM NaCl, 2 mM DTT, 10% glycerol
Molecular Mass	~51.6 kDa
AA Sequence	MIVFVRFNSSHGFPVEVDSDTSIFQLKEV VAKRQGV PADQLRVIFAGKELRNDWT V QNCDL DQQSIVHIVQRPWRKGQEMNAT GGDDPRNAAGGCEREPQSLTRVDLSSS V LPGDSVGLAVILHTDSRKDSPPAGSPAGR SIYNSFYVYCKGPCQRVQPGKLRVQ CST CRQATLTLTQGPSCWDDVLIPNRMSGEC QSPHCPGTSAEFFFFKCGAHPTSDK ETSVALHLIATNSRNITCITCTDVRSPVLV FQCNSRH VICLDCFHLYCVTRLNDRQFV HDPQLGYS LPCVAGCPNSLIKELHHFRILGEEQYNRY QQYGAEECVLQMGGVLCP RPGCGAGLLPEPDQRKVTCEGNGLGCGFAFCRECKEAYHEGEC SAVFEASGTT TQAYRVDERAAEQARWEAAS KETIKKTTKPCPRCHVPVEKNGGCMHM KCPQPQC RLEWCWNCGCEWNRVCMGDHWF DV
Purity	>90% by SDS-PAGE
Stability	12 months at -70 centigrade; aliquot as required

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Storage at -70 centigrade
Concentration	0.5 mg/ml
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; parkin 2; parkinson disease protein 2; parkinson juvenile disease protein 2; PRKN; AR-JP; LPRS2;
Gene ID	5071
mRNA Refseq	NM_004562
Protein Refseq	NP_004553
MIM	602544
UniProt ID	O60260
Chromosome Location	6q25.2-q27
Pathway	Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing

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& presentation, organism-specific biosystem; Immune System, organism-specific biosystem;

Function

PDZ domain binding; acid-amino acid ligase activity; chaperone binding; kinase binding; ligase activity; metal ion binding; protein binding; protein kinase binding; ubiquitin protein ligase binding; ubiquitin-protein ligase activity; zinc ion binding;

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