

E3 ubiquitin-protein ligase parkin (Park2) Recombinant Protein | Park2 recombinant protein

Recombinant Rat E3 ubiquitin-protein ligase parkin (Park2)

CATALOG #
AAA116848

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

E3 ubiquitin-protein ligase parkin (Park2); Recombinant Rat E3 ubiquitin-protein ligase parkin (Park2); Park2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-465, full length protein
Sequence	MIVFVRFNSS YGFPVEVDSD TSIFQLKEVV AKRQGV PADQ LRVIFAGKEL QNHLTVQNCD LEQQSIVHIV QRPQRKSHET NASGGDKPQS TPEGSIWEPR SLTRVDLSSH ILPADSVGLA VILDTDSKSD SEAARGPEAK PTYHSFFVYC KGPCHKVQPG KLRVQCGTCR QATLTLAQGP SCWDDVLIPN RMSGECQSPD CPGTRAEEFF KCGAHTPSDK DTSVALNLIT NNSRSIPCIA CTDVRNPVLV FQCNHRHVIC LDCFHLYCVT RLNDRQFVHD AQLGYSLPCV AGCPNSLIKE LHHFRILGEE QYNRYQQYGA EECVLQMGGV LCPRPGCGAG LLPEQGQKKV TCEGGNGLGC GFVFCRDCKE AYHEGECDSM FEASGATSQA YRVDQRAAEQ ARWEEASKET IKKTTKPCPR CNVPIEKNGG CMHMKCPQPQ CKLEWCWNCG CEWNRACMGD HWFDV
Sequence Length	465
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Park2 recombinant protein	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11464987
NCBI GeneID	56816
NCBI Accession #	NP_064478.1
NCBI GenBank Nucleotide #	NM_020093.1
UniProt Accession #	Q9JK66; Q8K5C3; Q8K5C4; Q8K5C5; Q8K5C6; Q8VHY6; Q9JLL1; Q9JM64
Molecular Weight	22,288 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase parkin

NCBI Official Synonym Full Names	parkin RBR E3 ubiquitin protein ligase
NCBI Official Symbol	Prkn
NCBI Official Synonym Symbols	Park; Park2
NCBI Protein Information	E3 ubiquitin-protein ligase parkin
UniProt Protein Name	E3 ubiquitin-protein ligase parkin
UniProt Gene Name	Prkn

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/prkn-recombinant-protein-e-coli/116848>