Recombinant Rat E3 ubiquitin-protein ligase parkin (Park2)

Product Code	CSB-EP864348RA
Abbreviation	Park2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9JK66
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MIVFVRFNSS YGFPVEVDSD TSIFQLKEVV AKRQGVPADQ LRVIFAGKEL QNHLTVQNCD LEQQSIVHIV QRPQRKSHET NASGGDKPQS TPEGSIWEPR SLTRVDLSSH ILPADSVGLA VILDTDSKSD SEAARGPEAK PTYHSFFVYC KGPCHKVQPG KLRVQCGTCR QATLTLAQGP SCWDDVLIPN RMSGECQSPD CPGTRAEFFF KCGAHPTSDK 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
Source	E.coli
Target Names	Prkn
Protein Names	Recommended name: E3 ubiquitin-protein ligase parkin EC= 6.3.2.-
Expression Region	1-465
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

	concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.