

Recombinant Human PARK2 Protein

Catalog #	Source	Reactivity	Applications
CRP2055	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human PARK2 Protein 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.		
Form	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, 2mM DTT, 20% Glycerol, pH 7.4.		
Gene Symbol	PARK2		
Alternative Names	PRKN; E3 ubiquitin-protein ligase parkin; Parkinson juvenile disease protein 2; Parkinson disease protein 2		
Entrez Gene	5071 (Human)		
SwissProt	O60260 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MIVFVRFNSS HGFPVEVDS TSIFQLKEVV AKRQGV PADQ LRVIFAGKEL RNDWTVQNCD</p> <p>LDQQSIVHIV QRPWRKGQEM NATGGDDPRN AAGGCEREPQ SLTRVDLSSS VLPGDSVGLA</p> <p>VILHTDSRKD SPPAGSPAGR SIYNSFYVYC KGPCQRVQPG KLRVQCSTCR QATLTLTQGP</p> <p>SCWDDVLIPN RMSGECQSPH CPGTSAEFF KCGAHPTSDK ETSVALHLIA TNSRNITCIT</p> <p>CTDVRSPVLV FQCNSRHVIC LDCFHLYCVT RLNDRQFVHD PQLGYSLPCV GTGDTVVLRG</p> <p>ALGGFRRGVA GCPNSLIKEL HHFRLGEEQ YNRYQQYGAE ECVLQMGGVL CPRPGCGAGL</p> <p>LPEPDQRKVT CEGGNLGC YGQRRTKLEH HHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability Store it at -20°C to -80°C for one year.

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