

Parkinson Disease Protein 2 Human Recombinant

Item Number	rAP-4520
Synonyms	Parkin RBR E3 Ubiquitin Protein Ligase, Parkinson Juvenile Disease Protein 2, Parkinson Protein 2 E3 Ubiquitin Protein Ligase (Parkin), Parkinson Disease (Autosomal Recessive, Juvenile) 2 Parkin, PRKN, AR-JP, PDJ, E3 Ubiquitin Ligase, LPRS2, EC 6.3.2.-.
Description	PARK2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 485 amino acids (1-465) and having a molecular mass of 53.8 kDa. PARK2 is fused to a 20 amino acid His-tag at N-terminus.
Uniprot Accession Number	O60260
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MIVFVRFNSS HGFPVEVDSD TSIFQLKEVV AKRQGV PADQ LRVIFAGKEL RNDWTVQNCD LDQQSIVHIV QRPWRKGQEM NATGGDDPRN AAGGCERE PQ SLTRVDLSSS VLPGDSVGLA VILHTDSRKD SPPAGSPAGR SIYNSFYVYC KGPCQRVQPG KLRVQCSTCR QATLT-LTQGP SCWDDVLIPN RMSGECQSPH CPGTSAEFFF KCGAHPTSDK ETSVALHLIA TNSRNITCIT CTDVRSPLV FQCNSRHVIC LDCFHLYCVT RLNDRQFVHD PQLGYSLPCV AGCPNSLIKE LHHFRILGEE QYNRYQQYGA EECVLQMGGV LCPRPGCGAG LLPEPDQRKV TCEGGNGLGC
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PARK2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**