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PARK2,1-465aa, Human, His tag, E.coli

产品货号: TP03292

第三版

别名:E3 ubiquitin-protein ligase parkin, AR-JP, LPRS2, PDJ, PRKN

描述: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. Recombinant human PARK2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量:53.8 kDa (485aa)

序列:

MGSSHHHHHSSGLVPRGSHMIVFVRFNSSHGFPVEVDSDTSIFQLKEVVAKRQGV PADQLRVIFAGKELRNDWTVQN
CDLDQQSIVHIVQRPWRKGQEMNATGGDDPRNAAGGCEREPQSLTRVDLSSSVLPGDSVGLAVILHTDSRKDSPPAGSP
AGRSIYNSFYVYCKGPCQRVQPGKLRVQCSTCRQATLTLTQGPSCWDDVLIPNRMSGECQSPHCPGTSAEFFFKCGAHPT
SDKETSVALHLIATNSRNITCITCTDVRSPVLVFQCNSRHVICLDCFHLYCVTRLNDRQFVHDPQLGYSLPCVAGCPNSLIK
ELHHFRILGEEQYNRYQQYGAEECVLQMGGVLCPRPGCGAGLLPEPDQRKVTCEGGNGLGCGFAFCRECKEAYHEGEC
SAVFEASGTTTQAYRVDERRAAEQARWEAASKETIKTTKPCPRCHVPVEKNGGCMHMKCPQPQCRLEWCWNCGCEW
NRVCMGDHWFDV

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.