Recombinant Human PRKN Protein (Ile229-Val465), N-His tagged

Cat. No. PRKN-5441H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PRKN (Ile229-Val465) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile229-Val465
Description	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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	29.01 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

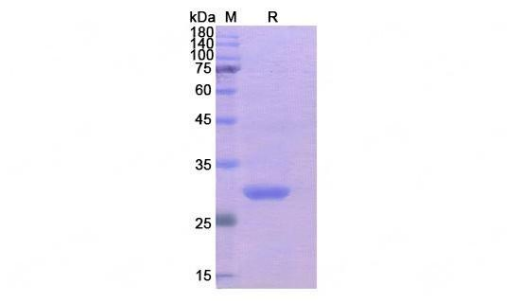
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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	PRKN parkin RBR E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	PRKN
Synonyms	PRKN; parkin RBR E3 ubiquitin protein ligase; PDJ; AR-JP; LPRS2; PARK2; E3 ubiquitin-protein ligase parkin; Parkinson disease (autosomal recessive, juvenile) 2, parkin; parkinson juvenile disease protein 2; parkinson protein 2 E3 ubiquitin protein ligase; parkinson protein 2, E3 ubiquitin protein ligase (parkin); EC 2.3.2.31
Gene ID	5071
mRNA Refseq	NM_004562
Protein Refseq	NP_004553
MIM	602544
UniProt ID	O60260

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SDS-PAGE	

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