Active Recombinant Human PARG protein, His-tagged

Cat. No. PARG-31H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARG fussed with His tag was expressed in Sf21 cells.
Species	Human
Source	Insect Cells
Description	Poly(ADP-ribose) synthesized after DNA damage is only present transiently and is rapidly degraded by poly(ADP-ribose) glycohydrolase. PARG hydrolyzes poly(ADP-ribose) at glycosidic (1''-2') linkage of ribose-ribose bond to produce free ADP-ribose.
Form	Liquid. In 50mM TRIS-HCl, pH 7.5, containing 100mM sodium chloride, 0.2% NP-40, 50mM imidazole and 10% glycerol.
Bio-activity	~100ng is required for poly(ADP-ribose) degradation assays.
Purity	≥95% (SDS-PAGE)
Notes	After opening, prepare aliquots and store at -80 centigrade. Avoid freeze/thaw cycles.
Stability	Stable for at least 6 months after receipt when stored at -80 centigrade.
Storage	Short Term Storage: -20 centigrade;Long Term Storage: -80 centigrade.
Concentration	Lot dependent (0.2-1.5mg/ml)

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	PARG poly (ADP-ribose) glycohydrolase [Homo sapiens]
Official Symbol	PARG
Synonyms	PARG99; poly(ADP-ribose) glycohydrolase; mitochondrial poly(ADP-ribose) glycohydrolase; poly(ADP-ribose) glycohydrolase 60 kDa isoform
Gene ID	850
mRNA Refseq	NM_003631
Protein Refseq	NP_003622
MIM	603501
UniProt ID	Q86W56
Chromosome Location	10q11.23
Pathway	Base Excision Repair, organism-specific biosystem; DNA Repair, organism-specific biosystem; POLB-Dependent Long Patch Base Excision Repair, organism-specific biosystem
Function	poly(ADP-ribose) glycohydrolase activity

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA