Recombinant Human PARG protein, GST-tagged

Cat. No. PARG-125H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARG(357 a.a. - 467 a.a.) fussed with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	357-467 a.a.
Description	Poly(ADP-ribose) glycohydrolase (PARG) is the major enzyme responsible for the catabolism of poly(ADP-ribose), a reversible covalent-modifier of chromosomal proteins. The protein is found in many tissues and may be subject to proteolysis generating smaller, active products. Several transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.95 kDa
AA Sequence	YSTKGGEVRLHFQFEGGESRTGMNDLNAKLPGNISSLNVECRNSKQHGKKDSKITD HLMRLPKAEDRRKEQWETK HQRTERKIPKYVPPHLSPDKKWLGTPIEEMRRMPRC
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	>50 ug/mL as determined by microplate BCA method

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

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