

Recombinant Human PARG protein, GST-tagged

Cat. No. PARG-1529H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARG(1 a.a. - 976 a.a.), fused with GST tag at N-terminal, was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Protein Length	1 a.a. - 976 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	137.5 kDa
AA Sequence	MNAGPGCEPCTKRPRWGAATTSPAASDARSFPSRQRRVLDPKDAHVQFRVPPSS PACVPGRAGQHRGSATSLVFK QKTITSWMDTKGIKTAESESLDSKENNNTRIESMM SSVQKDNFYQHNVEKLENVSQLSLDKSPTEKSTQYLNQHQ TAAMCKWQNEGKHT EQLLESEPQTVTLVPEQFSNANIDRSPQNDDHSDTDSEENRDNQQFLTTVKLANAK QTTEDEQAREAKSHQKCSKSCDPGEDCASCQQDEIDVVPESPLSDVGSEDVGTGP KNDNKLTRQESCLGNSPPFEKESEP ESPMDVDNSKNSCQDSEADEETSPGFDEQE

 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

DGSSSQTANKPSRFQARDADIEFRKRYSTKGGEVRLHFQFEGGES RTGMNDLNAK
 LPGNISSLNVECRNSKQHGGKDSKITDHFMRPKAEDRRKEQWETKHQRTERKIPK
 YVPPHLSPD KKWLGTPIEEMRRMPCGIRLPLLPSANHTVTIRVDLLRAGEVPKPF
 PTHYKDLWDNKHVKMPCSEQNLYPVED ENGERTAGSRWELIQTALLNKFTRPQNL
 KDAILKYNVAYSKKWDF TALIDFWDKVLEEAQAHLQYQSILPDMVKI ALCLPNICTQPI
 PLLKQKMNHSTMSQEQIASLLANAFCTFPRRNAKMKSEYSSYPDINFNRLFEGRS
 SRKPEK LKTLFCYFRRVTEKKPTGLVTFTRQSLEDFPEWERCEKPLTRLHVITYEGTI
 EENGQGMLQVDFANRFVGGGVTSALVQEEIRFLINPELIISRLFTEVLHDNECLIITG
 TEQYSEYTGYAETYRWSRSHEDGSRDDWQRRCTEIVAI ALHFRRYLDQFVPEK
 MRRELNKAYCGFLRPGVSSSENLSAVATGNWGCFAFGGDARLKALIQILAAAAAERD
 VVYF TFGDSELMRDIYSMHIFLTERKLTVGDVYKLLRLYYNEECRNCSTPGPDIKLYP
 FIYHAVESCAETADHSGQRTG T

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

PARG poly (ADP-ribose) glycohydrolase [Homo sapiens]

Official Symbol

PARG

Synonyms

PARG; poly (ADP-ribose) glycohydrolase; poly(ADP-ribose) glycohydrolase;
 poly(ADP-ribose) glycohydrolase 60 kDa isoform; PARG99; FLJ54459; FLJ60257;
 FLJ60456;

Gene ID

8505

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mRNA Refseq	NM_003631
Protein Refseq	NP_003622
MIM	603501
UniProt ID	Q86W56
Chromosome Location	10q11.23
Function	chromatin binding; hydrolase activity; poly(ADP-ribose) glycohydrolase activity;

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