

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	MNAGPGCEPCTKRPRWGAATTSPAASDARFSPSRQRRVLDPKDAHVQFRVPPSS PACVPGRAGQHRGSATSLVFK QKTITSWMDTKGIKTAESLDSKENNTRIESMM SSVQKDNFYQHNVEKLENVSQLSLDKSPTEKSTQYLNQHQ TAAMCKWQNEGKHT EQLLESEPQTVTLVPEQFSNANIDRSPQNDDHSDTDSEENRDNQQFLTTVKLANAK QTTED EQAREAKSHQKCSKSCDPGEDCASCQQDEIDVVPESPLSDVGSSEVGTGP KNDNKLTRQESCLGNSPPFKEKESEP ESPMDVDNSKNSCQDSEADEETSPGFDEQE

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DGSSSQTANKPSRFQARDADIEFRKRYSTKGGEVRLHFQFEGGES RTGMNDLNAK
 LPGNISSLNVECRNSKQHGGKDSKITDHFMRPKAEDRRKEQWETKHQRTERKIPK
 YVPPHLSPD KKWLGTPIEEMRRMPCGIRLPLLRPSANHTVTIRVDLLRAGEVPKPF
 PTHYKDLWDNKHVKMPCSEQNLYPVED ENGERTAGSRWELIQTALLNKFTRPQNL
 KDAILKYNVAYSKKWDF TALIDFWDKVL EEAQAHL YQSILPDMVKI ALCLPNICTQPI
 PLLKQKMNHSITMSQEQIASLLANAFFCTFPRRNAKMKSEYSSYPDINFNRLFEGRS
 SRKPEK LKTLFCYFRRVTEKKPTGLVTFTRQSLEDFPEWERCEKPLTRLHVTYEGTI
 EENGQGMLQVDFANRFVGGGV TSA GLVQEEIRFLINPELIISRLFTEVLDHNECLIITG
 TEQYSEYTG YAETYRWSRSHEDG SERDDWQRRCTEIVAI D ALHFRRYLDQFVPEK
 MRRELNKAYCGFLRPGVSSENLSAVATGNWGC GAFGGDARLKALIQILAAAAAERD
 VVYF TFGDSELMRDIYSMHIFLTERKLT VGDVYKLLLRYYNEECRNCSTPGPDIKLYP
 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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