

Recombinant Full Length Human PARG Protein, GST-tagged

Cat. No. PARG-566HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PARG(1 a.a. - 976 a.a.), fused with GST tag at N-terminal, was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	976 amino acids
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	MNAGPGCEPC TKRPRWGAAT TSPAASDARS FPSRQRRVLD PKDAHVQFRV PPSSPACVPG RAGQHRGSAT SLVFKQKTIT SWMDTKGIKT AESES LDSKE NNNTRIESMM SSVQKDNFYQ HNVEKLENVS QLSLDKSPTE KSTQYLNQHQ TAAMCKWQNE GKHTEQLLES EPQTVTLVPE QFSNANIDRS PQNDHSDTD SEENRDNQQF LTTVKLANAK QTTEDEQARE AKSHQKCSKS CDPGEDCASC QQDEIDVPE SPLSDVGSED VGTGPKNDNK LTRQESCLGN SPPFEKESEP

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ESPMDVDNSK NSCQDSEADE ETSPGFDEQE DGSSSQTANK PSRFQARDAD
 IEFKRKRYSTK GGEVRLHFQF EGGESRTGMN DLNAKLPGNI SSLNVECRNS
 KQHGGKDSKI TDHFMRLPKA EDRRKEQWET KHQRTERKIP KYVPPHLSPD
 KKWLGTPIEE MRRMPCGIR LPLLRPSANH TVTIRVDLLR AGEVPKPFPT
 HYKDLWDNKH VKMPCSEQNL YPVEDENGER TAGSRWELIQ TALLNKFTRP
 QNLKDAILKY NVAYSKKWDF TALIDFWDKV LEEAEAQHLY QSILPDMVKI
 ALCLPNICTQ PIPLLKQKMN HSITMSQEQI ASLLANAFCC TFPRRNAKMK
 SEYSSYPDIN FNRLFEGRSS RKPEKLKTLF CYFRRVTEKK PTGLVTFTTRQ
 SLEDFPEWER CEKPLTRLHV TYEGTIEENG QGMLQVDFAN RFVGGGVTS
 GLVQEEIRFL INPELIISRL FTEVLHDNEC LIITGTEQYS EYTGAYAET
 WSRSHEDGSE RDDWQRRCTE IVAIDALHFR RYLDQFVPEK MRRELNKAYC
 GFLRPGVSSE NLSAVATGNW GCGAFGGDAR LKALIQILAA AAAERDVVYF
 TFGDSELMRD IYSMHIFLTE RKLTVGDVYK LLLRYYNNEEC RNCSTPGPDI
 KLYPFIYHAV ESCAETADHS GQRTGT

Applications

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

Storage

Store at -80 centigrade. 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

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Gene ID	8505
mRNA Refseq	NM_003631
Protein Refseq	NP_003622
MIM	603501
UniProt ID	Q86W56

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