

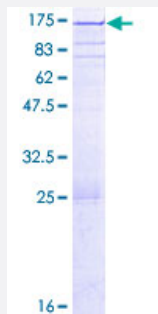
Full-Length

PARG (Human) Recombinant Protein (P01)

Catalog # H00008505-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PARG full-length ORF (NP_003622.2, 1 a.a. - 976 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNAGPGCEPCTKRPRWGAATTSPAASDARSFPSRQRRVLDPKDAHVQFRVPPSSPACVPGRA
GQHRGSATSLVFKQKTITSWMDTKGIKTAESLDSKENNNTRIESMMSSVQKDNFYQHNVKLE
NVSQSLDKSPTEKSTQYLNQHQTAAAMCKWQNEGKHTEQLLESEPQTVTLVPEQFSNANIDRSP
QNDDHSDTDSEENRDNQQFLT TVKLANAKQTTEDEQAREAKSHQKCSKSCDPGEDCASCQQD
EIDVVPESPLSDVGSEDVGTGPKNDNKLTRQESCLGNSPPFEKESEPESPMDVDNSKNSCQDS
EAEETSPGFDEQEDGSSSQTANKPSRFQARDADIEFRKRYSTKGGEVRLHFQFEGGESRTGM
NDLNAKLPGNISSLNVECRNSKHGKKDSKITDHFMRPLKAEDRRKEQWETKHQRTERKIPKYVP
PHLSPDKKWLGTPIEEMRRMPRCGIRLPLLRPSANHTVTIRVDLLRAGEVPKPFPTHYKDLWDNK
HVKMPCSEQNLYPVEDENGERTAGSRWELIQTALLNKFTRPQNLKDAILKYNVAYSKKWDF TALID
FWDKVL EEAQAHL YQSILPDMVKIALCLPNICTQPIPLLKQKMNH SITMSQE QIASLLAN AFFCTFP
RRNAKMKSEYSSYPDINFNRLFEGRRSRKPEKLKTLFCYFRRVTEKKPTGLVTFTRQSLED FPEW
ERCEKPLTRLHVTYEGTIEENGQGM LQVDFANRFVGGGVTSAGLVQEEIRFLINPELIISRLFTEVLD
HNECLIITGTEQYSEYTYGAETYRWSRSHEDGSE RDDWQRRCTE MAIDALHFRRYLDQFVPEKMR
RELNKAYCGFLRPGVSSSENLSAVATGNWGC GAFGGDARLKALIQILAAAAAERDVVYFTFGDSEL
MRDIYSMHIFLTERKLT VGDVYKLLRLRYNEECRNCSTPGPDIKLYPFYHAVESCAETADHSGQRT
GT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

137.5

Interspecies Antigen Sequence	Mouse (87)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — PARG

Entrez GeneID	8505
GeneBank Accession#	NM_003631.2
Protein Accession#	NP_003622.2
Gene Name	PARG
Gene Alias	PARG99
Gene Description	poly (ADP-ribose) glycohydrolase
Omim ID	603501
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

poly(ADP-ribose) glycohydrolase 60 kDa isoform

Disease

- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)