

Recombinant Human PARG, GST-tagged

Cat. No. PARG-1528H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARG protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	617-976aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.
Form	Supplied as a 0.2 µm filtered solution in PBS (pH8.0).
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
Molecular Mass	~68.2 kDa

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Purity	>90%
Concentration	0.4 mg/ml
AA Sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIRYIADKHNMLGGCPKERAIEISMLEGAVLDIRYGVSRAYSKD FE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA F PKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQG WQATFGGGDHPPKSDLVPRGSGSQ K MNHSITMSQE QIASLLAN AFFCTFPRRNAKMKSEYSSYPDINFNRLFEGRSSRKPE K LKTLFCYFRRVTEKKPTGLVTFTRQSLEDFPEWERCEKPLTRLHVITYEGTIEENGQ G MLQVDFANRFVGGGVTSAGLVQEEIRFLINPELIISRLFTEVL DHNECLIITGTEQYS E YTGYAETYRWSRSHEDGSERDDWQRRCTEIVAIDALHFRRYLDQFVPEKMRREL N KAYCGFLRPGVSSENLSAVATGNWGC GAFGGDARLKALIQILAAAAAERDVVYFT F GDSELMRDIYSMHIFLTERKLTVG DVYKLLLRYYNEECRNCSTPGPDIKLYPFIYHA V ESCAETADHSGQRTGTAAAS

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
mRNA Refseq	NM_003631
Protein Refseq	NP_003622

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

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