

# Recombinant Poly ADP Ribose Glycohydrolase (PARG) Instruction Manual

**SIPP554Hu01**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted
<b>Predicted Molecular Mass</b>	64.8kDa
<b>Accurate Molecular Mass</b>	61kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ser448~Thr976 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	7.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

SPD  
KKWLGTPIEE MRRMPCGIR LPLLRSANH TVTIRVDLLR AGEVPKPFPT  
HYKDLWDNKH VKMPCSEQNL YPVEDENGER TAGSRWELIQ TALLNKFTRP  
QNLKDAILKY NVAYSKKWDF TALIDFWDKV LEEAEAQHLV QSILPDMVKI  
ALCLPNICTQ PIPLLKQKMN HSITMSQEQI ASLLANAFFC TFPRRNAKMK  
SEYSSYPDIN FNRLFEGRSS RKPEKLTFLF CYFRRVTEKK PTGLVTFTRQ  
SLEDFPEWER CEKPLTRLHV TYEGTIEENG QGMLQVDFAN RFVGGGV TSA  
GLVQEEIRFL INPELIISRL FTEVL DHNEC LIITGTEQYS EYTGYAET YR  
WSRSHEDGSE RDDWQRRCTE IVAIDALHFR RYLDQFVPEK MRRELNKAYC  
GFLRPGVSSE NLSAVATGNW GCGAFGGDAR LKALIQILAA AAAERDVVYF  
TFGDSSELMRD IYSMHIFLTE RKLTVGDVYK LLLRYYN EEC RNCSTPGPDI  
KLYPFIYHAV ESCAETADHS GQRTGT

## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## Image

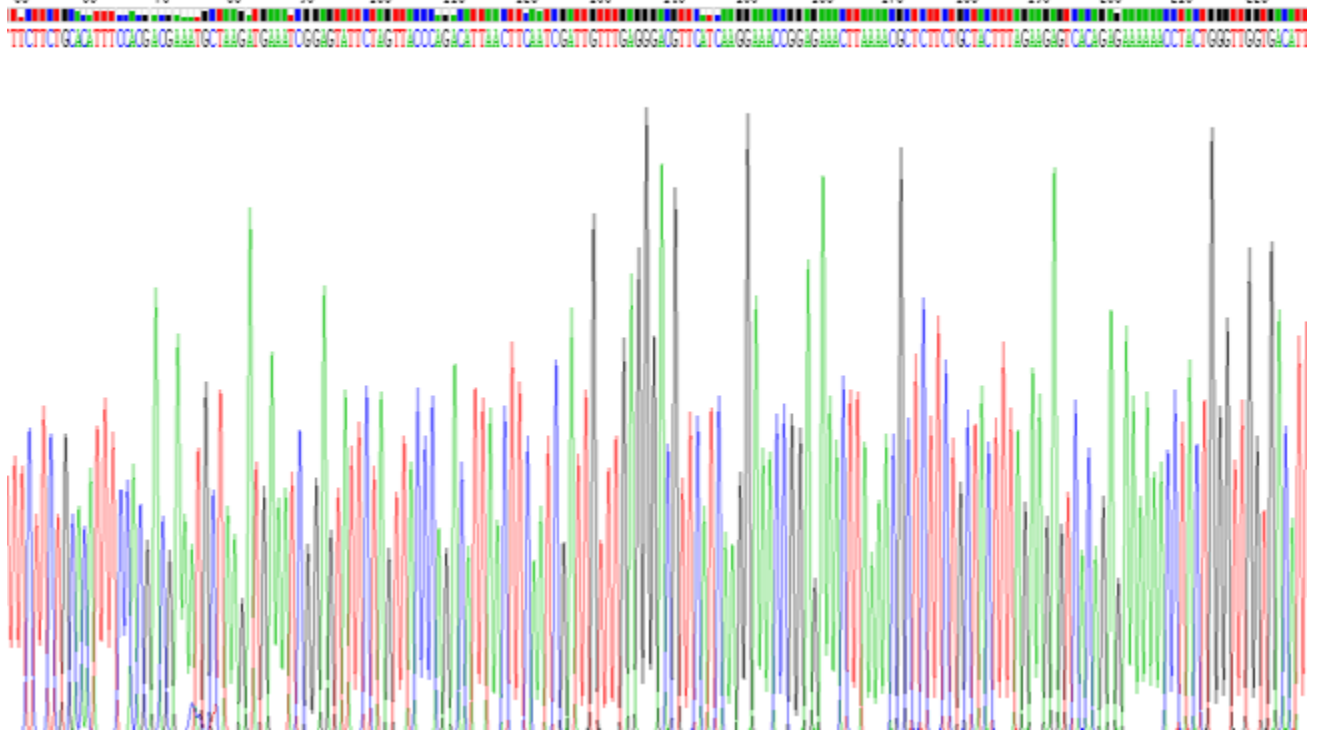


Figure. SDS-PAGE

## **[IMPORTANT NOTE]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.