

# Recombinant Paraoxonase 3 (PON3) Instruction Manual

**SIPD332Hu01**

**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>	43.2kDa
<b>Accurate Molecular Mass</b>	43kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Gly2~Leu354 with N-terminal His Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	5.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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GKLVALLVLL  GVGLSLVGEM  FLAFRERVNA  SREVEPVEPE  NCHLIEELES  
GSEDIDILPS  GLAFISSGLK  YPGMPNFAPD  EPGKIFLMDL  NEQNPRQAAL  
EISGGFDKEL  FNPHGISIFI  DKDNTVYLYV  VNHPHMKSTV  EIFKFEEQQR  
SLVYLKTIKH  ELLKSVNDIV  VLGPEQFYAT  RDHYFTNSLL  SFFEMILDLR  
WTYVLFYSPR  EVKVVAKGFC  SANGITVSAD  QKYVYVADVA  AKNIHIMEKH  
DNWDLTQLKV  IQLGTLVDNL  TVDPATGDIL  AGCHPNPMKL  LNYNPEDPPG  
SEVLRIQNVL  SEKPRVSTVY  ANNGSVLQGT  SVASVYHGKI  LIGTVFHKTL  
YCEL
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## USAGE

Reconstitute in 100mM NaHCO<sub>3</sub>, 500mM NaCl (pH8.3) 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

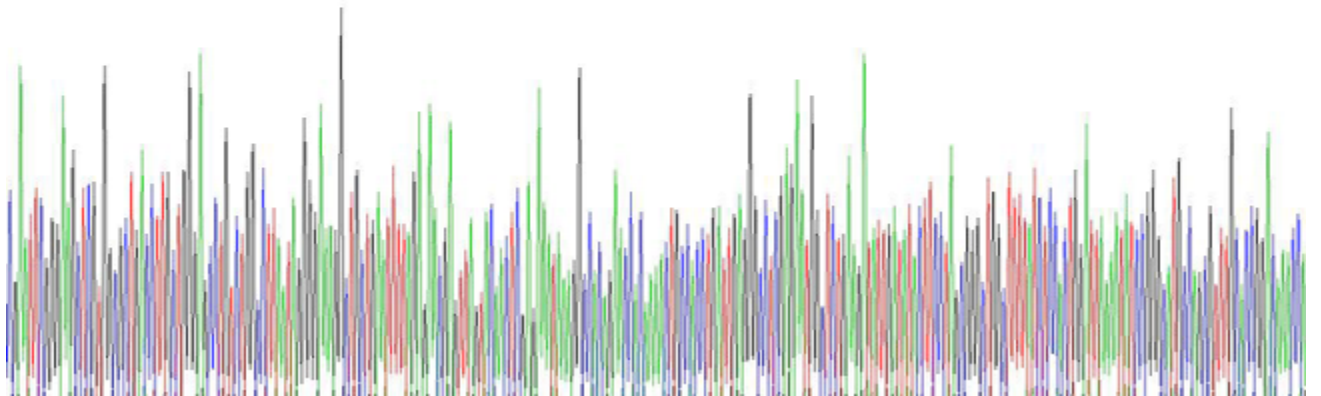


Figure. SDS-PAGE

## **[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.