Recombinant Paraoxonase 1 (PON1) Instruction Manual

SIPA107Ra04

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	52.9kDa
Accurate Molecular Mass	57kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala2~Leu355 with Two N-terminal Tags, His-tag and SUMO-tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	4.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

AKLLGLTLV GLVLALYKNH RSSYQTRLNA FREVTPVDLP NCTLVKGIEA
GAEDLEILPN GLTFFSTGLK YPGIKSFDPS KPGKILLMDL NEKEPAVSEL
AIMGNTLDMS SFNPHGISTF IDEDNTVYLL VVSHPDSSST VEVFKFQEEE
RSLLHLKTIT HELLPSINDI AAVGPESFYA TNDHYFADPY LRSWEMYLGL
SWSNVVYYSP DKVRVVADGF DFANGIGISL DGKYVYIAEL LAHKIHVYEK
HANWTLTPLK VLSFDTLVDN ISVDPVTGDL WVGCHPNGMR IFFYDSENPP
GSEVLRIQSI LSEDPKVTVV YAENGTVLQG TTVAAVYKGK LLIGTVFHRA
LCCDL

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

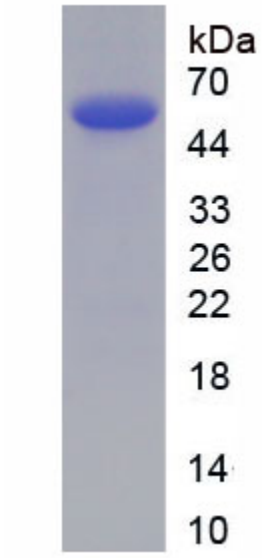

Figure. SDS-PAGE

[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.