

Recombinant Patatin Like Phospholipase Domain Containing Protein 2 (PNPLA2) Instruction Manual

SIPH357Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	53.1kDa
Accurate Molecular Mass	55kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg30~Cys478 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	6.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                     R EHAPFLVANA THYIGASAGA
LTATALVTGA CLGEAGANII EVSKEARKRF LGPLHPSFNL VKTIRGCLLK
TLPADCHTRA SGRLGISLTR VSDGENVIIS HFSSKDELIQ ANVCSTFIPV
YCGLIPPTLQ GVRVVDGGIS DNLPYELKN TITVSPFSGE SDICPQDSST
NIHELRLTNT SIQFNLRNLY RLSKALFPPE PMVLREMCKQ GYRDGLRFLR
RNGLLNQPNP LLALPPVVPQ EEDAEEAAVT EERTGGEDRI LEHLPARLNE
ALLEACVEPK DLMTTSLNML PVRLATAMMV PYTLPLESAV SFTIRLLEWL
PDVPEDIRWM KEQTGSICQY LVMRAKRKLG DHLPSRLSEQ VELRRAQSLP
SVPLSCATYS EALPNWVRNN LSLGDALAKW EECQRQLLLG LFCTNVAFPF
DALRMRAPAS PTATDPATPQ DPSGLPPC
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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

G A T T C C G T G A G C A C G C G C C C T T C C T G G T G G C C A A C G C C A C T C A C T C T A C G G A G C C T G G G C A G G G G C G C T T A C C G C C A C A G G C T G G T C A C T G G G G C C T G C C T G G G G C G A A G C G G G T G C C A A C A T T A T T G A G G T G T C C A

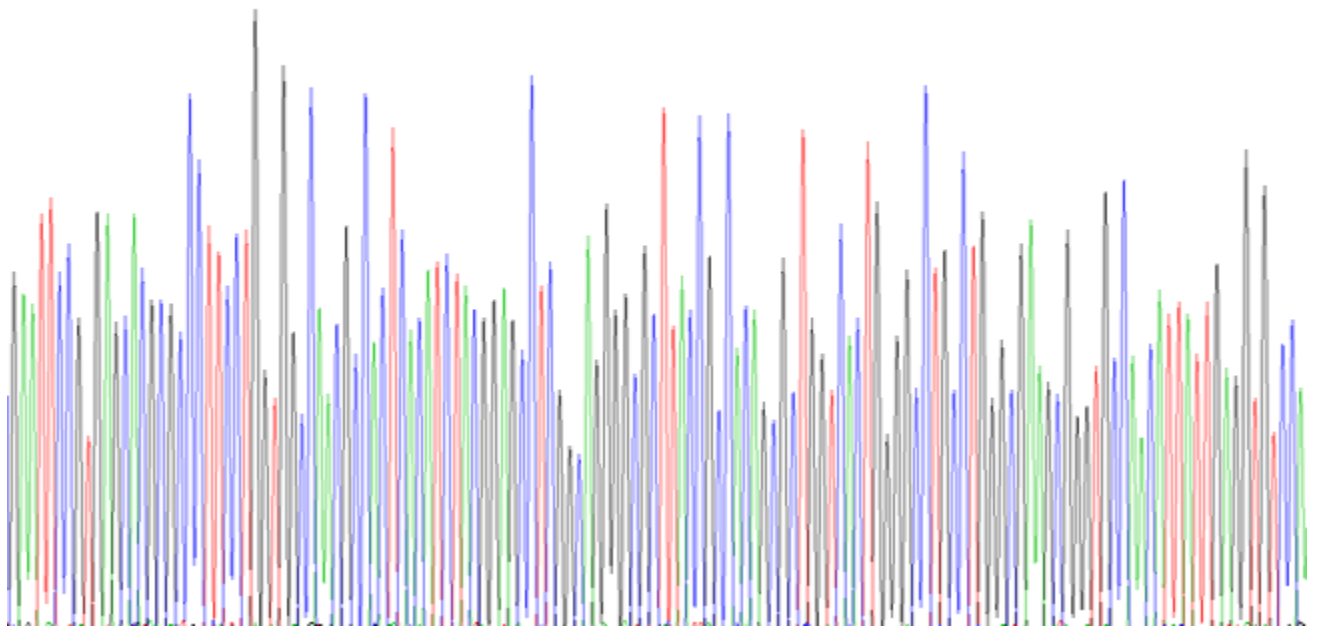


Figure. SDS-PAGE

[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.