

Recombinant Peripherin (PRPH) Instruction Manual

SIPF581Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	57.4kDa
Accurate Molecular Mass	58kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Tyr470 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MSHHPSGLRA GFSSTSYRRT FGPPPSLSPG AFSYSSSSRF SSSRLLGSAS  
PSSSVRLGSF RSPRAGAGAL LRLPSERLDF SMAEALNQEF LATRSNEKQE  
LQELNDRFAN FIEKVRFLEQ QNAALRGELS QARGQEPARA DQLCQQELRE  
LRRELELLGR ERDRVQVERD GLAEDLAALK QRLEEEETRKR EDAEHNLVLF  
RKDVDDATLS RLELERKIES LMDEIEFLKK LHEEELRDLQ VSVESQQVQQ  
VEVEATVKPE LTAALRDIRA QYESIAAKNL QEAEEWYKSK YADLSDAANR  
NHEALRQAKQ EMNESRRQIQ SLTCEVDGLR GTNEALLRQL RELEEQFALE  
AGGYQAGAAR LEEELRQLKE EMARHLREYQ ELLNVKMALD IEIATYRKLL  
EGEESRISVP VHSFASLNIK TTVPEVEPPQ DSHSRKTVLI KTIETRNGEV  
VTESQKEQRS ELDKSSAHSY
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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

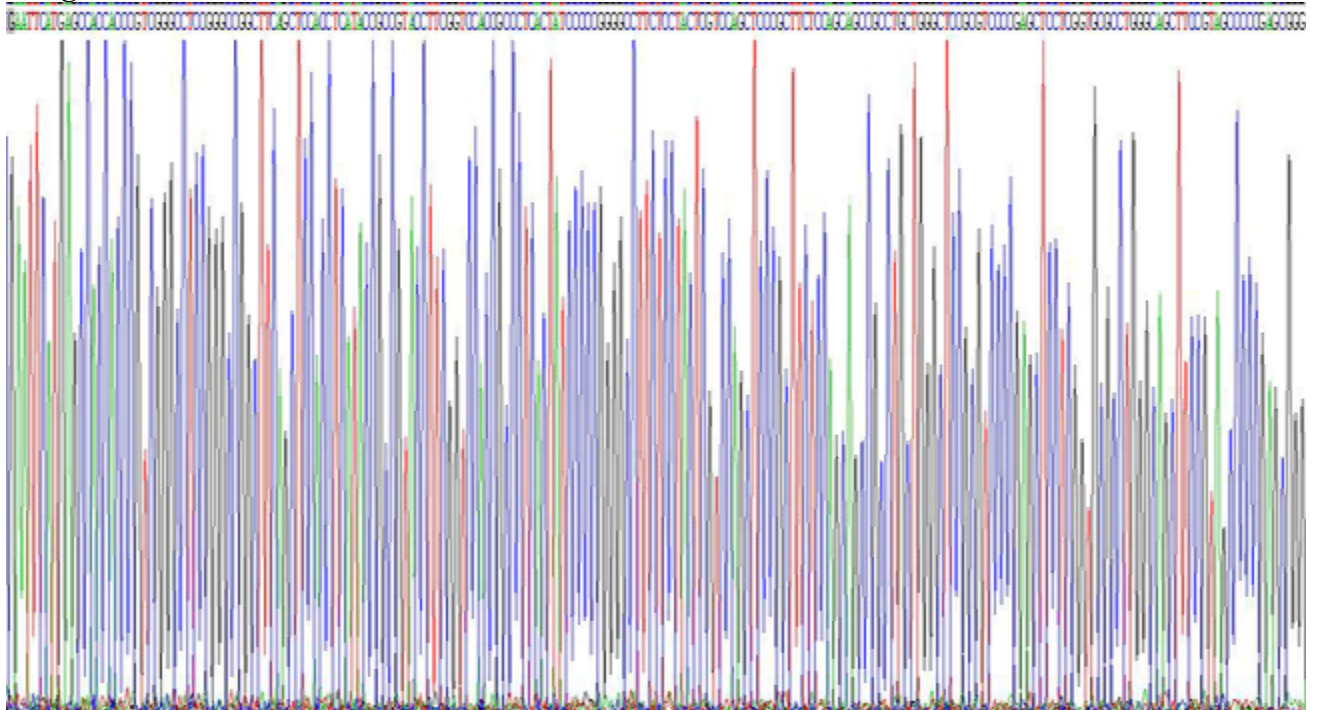


Figure. SDS-PAGE

[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.

