Recombinant Pirin (PIR) Instruction Manual

SIPC217Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	35.8KDa
Accurate Molecular Mass	36kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Asn290 with N-terminal His Tag
Buffer Formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MGSSKKVTLS VLSREQSEGV GARVRRSIGR PELKNLDPFL LFDEFKGGRP
GGFPDHPHRG FETVSYLLEG GSMAHEDFCG HTGKMNPGDL QWMTAGRGIL
HAEMPCSEEP AHGLQLWVNL RSSEKMVEPQ YQELKSEEIP KPSKDGVTVA
VISGEALGIK SKVYTRTPTL YLDFKLDPGA KHSQPIPKGW TSFIYTISGD
VYIGPDDAQQ KIEPHHTAVL GEGDSVQVEN KDPKRSHFVL IAGEPLREPV
IQHGPFVMNT NEEISQAILD FRNAKNGFER AKTWKSKIGN

USAGE

Reconstitute in ddH_2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

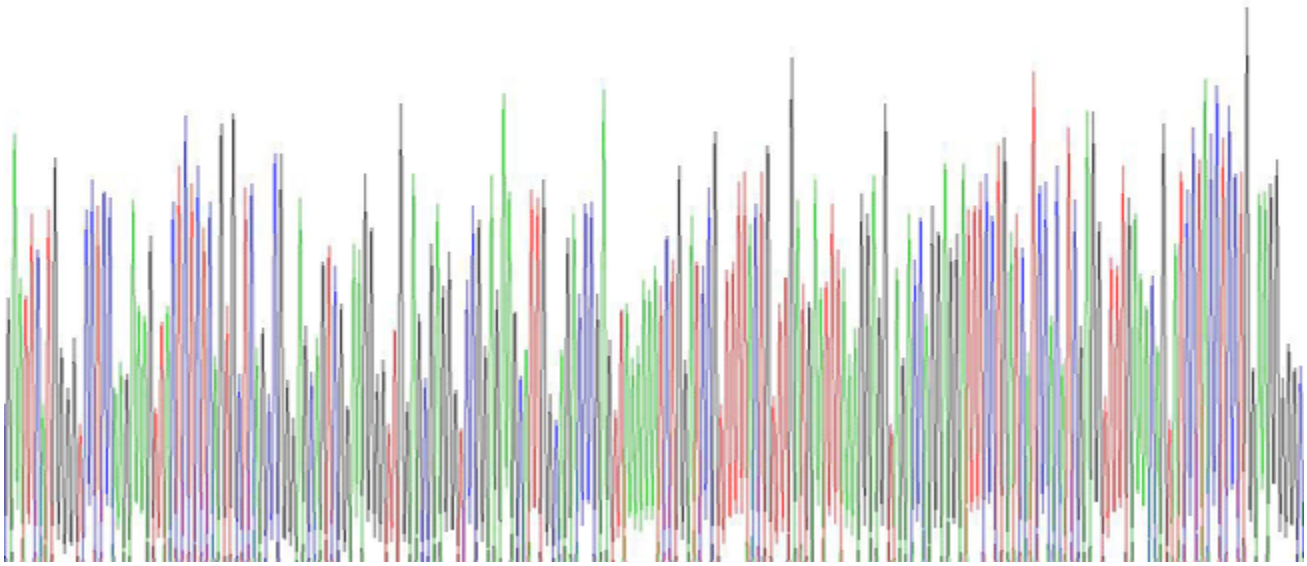
STORAGE

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



SDS-PAGE Image

[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.