

Datasheet for ABIN5853060
PNRC2 Protein (AA 1-139) (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PNRC2
Protein Characteristics:	AA 1-139
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PNRC2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMGGGERY NIPAPQSRNV SKNQQLNRQ KTKEQNSQMK IVHKKKERGH GYNSSAAAWQ AMQNGGKNKN FPNNQSWNSS LSGPRLLFKS QANQNYAGAK FSEPPSPSVL PKPPSHWVPV SFNPSDKEIM TFQLKTLLKV QV
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	PNRC2
Alternative Name:	PNRC2 (PNRC2 Products)
Background:	PNRC2 is involved in nonsense-mediated mRNA decay (NMD) by acting as a bridge between the mRNA decapping complex and the NMD machinery. This protein may act by targeting the NMD machinery to the P-body and recruiting the decapping machinery to aberrant mRNAs. It is

Target Details

required for uPF1/RENT1 localization to the P-body and also acts as a nuclear receptor coactivator. PNRC2 may play a role in controlling the energy balance between energy storage and energy expenditure. Recombinant human PNCR2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Molecular Weight: 18.0kDa (162aa)

NCBI Accession: [NP_060231](#)

UniProt: [Q9NPJ4](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

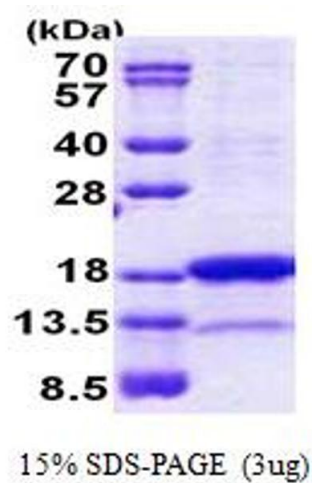
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M uREA, 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.