

Recombinant Human proline-rich nuclear receptor coactivator 2, His-tagged

Cat. No. PNRC2-231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PNRC2, 1-139aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-139 a.a.
Description	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 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	18.0kDa (162aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGGGERY NIPAPQSRNV SKNQQLNRQ KTKEQNSQMK IVHKKKERGH GYNSSAAAWQ AMQNGGKNKN FPNNQSWNSS LSGPRLLFKS QANQNYAGAK FSEPPSPSVL PKPPSHWVPV SFNPSDKEIM

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	TFQLKTLLKV QV
Purity	>90% by SDS - PAGE
Storage	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.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	PNRC2 proline-rich nuclear receptor coactivator 2 [Homo sapiens]
Official Symbol	PNRC2
Synonyms	PNRC2; proline-rich nuclear receptor coactivator 2; FLJ20312; MGC99541;
Gene ID	55629
mRNA Refseq	NM_017761
Protein Refseq	NP_060231
MIM	611882
UniProt ID	Q9NPJ4
Chromosome Location	1p36.11
Function	protein binding;

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