Product information

PNRC2, 1-139aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2185

Full name: Proline-rich nuclear receptor coactivator 2

NCBI Accession No.: NP_060231

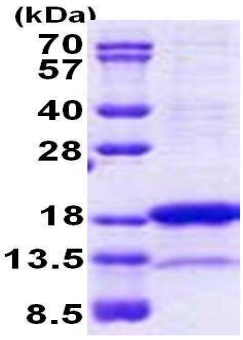
Description: PNRC2 is involved in nonsense-mediated mRNA decay (NMD) by acting as a bridge between the mRNA decapping complex and the NMD machinery. This protein may act by targeting the NMD machinery to the P-body and recruiting the decapping machinery to aberrant mRNAs. It is required for UPF1/RENT1 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 Weight: 18.0kDa (162aa)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMGGGERY NIPAPQSRNV SKNQQQLNRQ KTKEQNSQMK IVHKKKERGH GYNSSAAAWQ AMQNGGKNKN FPNNQSWNSS LSGPRLLFKS QANQNYAGAK FSEPPSPSVL PKPPSHWVPV SFNPSDKEIM TFQLKTLLKV QV

General references:

Hentschke,M., *et al.* (2003) *Biochem. Biophys. Res. Commun.* 312 (4), 975-982

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

Manufactured for:
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