

32-4473: Recombinant Human Proline-Rich Nuclear Receptor Coactivator 2

Alternative Name : Proline-rich nuclear receptor coactivator 2,PNRC2.

Description

Source : Escherichia Coli. PNRC2 Human Recombinant produced in E. coli is a single polypeptide chain containing 162 amino acids (1-139) and having a molecular mass of 18kDa. PNRC2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Proline-Rich Nuclear Receptor Coactivator 2 (PNRC2) takes part in controlling the energy balance between energy storage and energy expenditure. PNRC2 is involved in nonsense-mediated mRNA decay (NMD) by operating as a bridge between the mRNA decapping complex and the NMD machinery. PNRC2 is needed for UPF1/RENT1 localization to the P-body and also plays a role as a nuclear receptor coactivator.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The PNRC2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMGGGERY NIPAPQSRNV SKNQQQLNRQ KTKEQNSQMK IVHKKKERGH GYNSSAAAWQ AMQNGGKKN FNPNQSWNSS LSGPRLLFKS QANQNYAGAK FSEPPSPSVL PKPPSHWVPV SFNPSDKEIM TFQLKTLKLV QV.