9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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PNRC2 Human

Proline-Rich Nuclear Receptor Coactivator 2 Human Recombinant
RCP1673

Product Overview

Name	PNRC2 Human
Description	
Proline-Rich Nuclear Receptor Coactivator 2 Human Recombinant	
Accession (Primary)	Q9NPJ4
Synonyms	
Proline-rich nuclear receptor coactivator 2, PNRC2.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The PNRC2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MGGGERY NIPAPQSRNV SKNQQQLNRQ KTKEQNSQMK IVHKKKERGH GYNSSAAAWQ AMQNGGKNKN FPNNQSWNSS LSGPRLLFKS QANQNYAGAK FSEPPSPSVL PKPPSHWVPV SFNPSDKEIM TFQLKTLLKV QV.	
Precautions	
PNRC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9NPJ4)