

## PNRC2 抗原（重组蛋白）

中文名称：PNRC2 抗原（重组蛋白）

英文名称：PNRC2 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1-139 amino acids of human PNRC2

技术规格：

<b>Full name:</b>	proline rich nuclear receptor coactivator 2
<b>Swissprot:</b>	Q9NPJ4
<b>Gene Accession:</b>	BC001959
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Involved in nonsense-mediated mRNA decay (NMD) by acting as a bridge between the mRNA decapping complex and the NMD machinery (PubMed:19150429). May act by targeting the NMD machinery to the P-body and recruiting the decapping machinery to aberrant mRNAs (PubMed:19150429). Required for UPF1/RENT1 localization to the P-body (PubMed:19150429). Plays a role in glucocorticoid receptor-mediated mRNA degradation by interacting with the glucocorticoid receptor NR3C1 in a ligand-dependent manner when it is bound to the 5' UTR of target mRNAs and recruiting the RNA helicase UPF1 and the mRNA-decapping enzyme DCP1A, leading to RNA decay (PubMed:25775514). Also acts as a nuclear receptor coactivator (PubMed:11574675). May play

a role in controlling the energy balance between energy storage and energy expenditure (By similarity).