**RPD956Hu01 10μg**

**Recombinant Photoreceptor Cell Specific Nuclear Receptor (PNR)**

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

## [ PROPERTIES ]

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Residues:** Met1~Asn410

**Tags:** Two N-terminal Tags, His-tag and GST-tag

**Subcellular Location:** Nucleus.

**Purity:** >92%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

**Original Concentration:** 200μg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.2

**Predicted Molecular Mass:** 74.7kDa

**Accurate Molecular Mass:** 75kDa as determined by SDS-PAGE reducing conditions.

## [ USAGE ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8$^{o}$C for one month.

Aliquot and store at -80$^{o}$C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37$^{o}$C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ SEQUENCE ]

METRPTALMS STVAAAAPAA GAASRKESPG RWGLGEDPTG VSPSLQCRVC
GDSSSGKHYG IYACNGCSGF FKRSVRRRLI YRCQVGAGMC PVDKAHRNQC
QACRLKKCLQ AGMNQDAVQN ERQPRSTAQV HLDSMESNTE SRPESLVAPP
APAGRSPRGP TPMSAARALG HHFMASLITA ETCAKLEPED ADENIDVTSN
DPEFPSSPYS SSSPCGLDSI HETSARLLFM AVKWAKNLPV FSSLPFRDQV
ILLEEAWSEL FLLGAIQWSL PLDSCPLLAP PEASAAGGAQ GRLTLASMET
RVLQETISRF RALAVDPTEF ACMKALVLFK PETRGLKDPE HVEALQDQSQ
VMLSQHSKAH HPSQPVRFGK LLLLLPSLRF ITAERIELLF FRKTIGNTPM
EKLLCDMFKN

## [ IDENTIFICATION ]

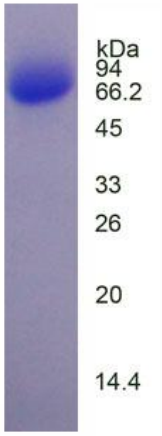


**Figure 1. SDS-PAGE**