

RPD611Ra01 100µg

Recombinant Protein Tyrosine Phosphatase Receptor Type N2 (PTPRN2)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Arg28~Lys600

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 100µg/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: 5.0

Predicted Molecular Mass: 67.7kDa

Accurate Molecular Mass: 65kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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°C for one month.

Aliquot and store at -80°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°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]

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RGR QLPGRLGCLF EDGLCGSLET
CVNDGVFGRC QKVPVMDTYR YEVPPGALLH LKVTLQKLSR TGFTWQDDYT
QRVIAQELAN LPKAYLWHGE ASGPARSLQQ NADNEKWFSL EREVALAKTL
RRYLPYLELL SQTPTANAHS RIDHETRPAK GEDSSPENIL TYVAHTSALT
YPPATRAKYP DNLLRPFSRL QPDELSPKVD GDIDKQKLIA ALGAYTAQRL
PGENDPEPRY LVHGSARAPR PFSATALSQR WPPPPGDAKD SPSMDDDTLL
QSLLKDLQQN SEVDRLGPLK EEKADSVAGA IQSDPAEGSQ ESHGRGAEGQ
PREQTDAPET MLQDHRLSEV DDPVYKEVNR LSFQLGDLLK DYGSPLLPEG
PLLEKSSREE IKKSEQPEEV LSSEEETAGV EHVRSRTYSK DLFERKPNSE
PQPRRLEDQF QNRAPELWED EESLKLAAQG PPSGGLQLEV QPSEEQQGYI
LTGNNPLSPE KGKQLMDQVA HILRVPSSFF ADIKVLGPAV TFKVSANIQN
MTTADVIKAA ADNKDQLEKA TGLTILQSGI RPKGKLKLLP HQEEQEDSTK
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[IDENTIFICATION]

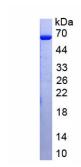


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.